

Verizon and DSLnet each have a responsibility to educate the Customer regarding which service provider should be called for problems with their respective service offerings. Verizon will retain primary responsibility for voice band trouble tickets, including repairing analog Voice Grade services and the physical line between the NID at the Customer premises and the point of demarcation in the Central Office. DSLnet will be responsible for repairing services it offers over the Line Sharing arrangement. Each Party will be responsible for maintaining its own equipment. If a splitter or test head that DSLnet has provided to Verizon malfunctions, DSLnet shall provide a replacement splitter or test head to Verizon. Before either Party initiates any activity on a shared Loop that may cause a disruption of the service of the other Party, that Party shall first make a good faith effort to notify the other Party of the possibility of a service disruption. Verizon and DSLnet will work together to address Customer initiated repair requests and to prevent adverse impacts to the Customer.

When Verizon provides Inside Wire maintenance services to the Customer, Verizon will only be responsible for testing and repairing the Inside Wire for voice-grade services. Verizon will not test, dispatch a technician, repair, or upgrade Inside Wire to clear trouble calls associated with DSLnet's Advanced Services. Verizon will not repair any CPE provided by DSLnet. Before a trouble ticket is issued to Verizon, DSLnet shall validate whether the Customer is experiencing a trouble that arises from DSLnet's service. If the problem reported is isolated to the analog voice-grade service provided by Verizon, a trouble ticket may be issued to Verizon.

In the case of a trouble reported by the Customer on its Voice Grade service, if Verizon determines the reported trouble arises from DSLnet's equipment, splitter problems, or DSLnet's activities, Verizon will:

Notify DSLnet and request that DSLnet immediately test the trouble on DSLnet's service.

If the Customer's Voice Grade service is so degraded that the Customer cannot originate or receive Voice Grade calls, and DSLnet has not cleared its trouble within a reasonable time frame, Verizon may take unilateral steps to temporarily restore the Customer's Voice Grade service if Verizon determines in good faith that the cause of the voice interruption is DSLnet's service. Where the Customer's Voice Grade service is degraded by DSLnet's particular technology deployment, Verizon will, to the extent required by Applicable Law, establish before the Commission that DSLnet's particular technology deployment is causing the significant degradation and, upon Verizon having done so, DSLnet will discontinue deployment (or use) of that technology and will migrate its Customers to technologies that will not significantly degrade the performance of other such services.

Upon completion of the steps in Sections 0 and 0 of this Attachment, Verizon may temporarily remove the DSLnet-provided splitter from the Customer's Loop and switch port if Verizon determines in good faith that the cause of the voice interruption is DSLnet's service.

Upon notification from DSLnet that the malfunction in DSLnet's service has been cleared, Verizon will restore DSLnet's service by restoring the splitter on the Customer's Loop.

Upon completion of the above steps, DSLnet will be charged a Trouble Isolation Charge (TIC) to recover Verizon's costs of isolating and temporarily removing the malfunctioning DSLnet service from the Customer's line if the cause of the voice interruption was DSLnet's service.

Verizon shall not be liable to DSLnet, the Customer, or any other person, for damages of any kind for disruptions to DSLnet's service that are the result of the above steps taken in good faith to restore the end user's voice-grade POTS service, and DSLnet shall indemnify Verizon from any Claims that result from such steps.

Line Splitting

CLECs may provide integrated voice and data services over the same Loop by engaging in "Line Splitting" as set forth in paragraph 18 of the FCC's Line Sharing Reconsideration Order (CC Docket Nos. 98-147, 96-98), released January 19, 2001. Any Line Splitting between two CLECs shall be accomplished by prior negotiated arrangement between those CLECs. To achieve a Line Splitting capability, CLECs may utilize supporting Verizon OSS to order and combine in a Line Splitting configuration an unbundled xDSL Compatible Loop terminated to a collocated splitter and DSLAM equipment provided by a participating CLEC, unbundled switching combined with shared transport, collocator-to-collocator connections, and available cross-connects, under the terms and conditions set forth in their Interconnection Agreement(s). The participating CLECs shall provide any splitters used in a Line Splitting configuration. CLECs seeking to migrate existing UNE platform configurations to a Line Splitting configuration using the same Network Elements utilized in the pre-existing platform arrangement, or seeking to migrate a Line Sharing arrangement to a Line Splitting configuration using the existing Loop, a Verizon Local Switching Network Element, and the existing central office wiring configuration, may do so consistent with such implementation schedules, terms, conditions and guidelines as are agreed upon for such migrations in the ongoing DSL Collaborative in the State of New York, NY PSC Case 00-C-0127, allowing for local jurisdictional and OSS differences.

Sub-Loop

Subject to the conditions set forth in Section 1 of this Attachment and upon request by DSLnet, Verizon shall allow DSLnet to access Sub-Loops unbundled from local switching and transport, in accordance with the terms of this Section 6 and the rates and charges set forth in the Pricing Attachment. Verizon shall allow DSLnet access to Sub-Loops in accordance with, but only to the extent required by, Applicable Law. The available Sub-Loop types are as set forth below.

Unbundled Sub-Loop Arrangement– Distribution (USLA).

Subject to the conditions set forth in Section **Error! Reference source not found.** of this Attachment and upon request by DSLnet, Verizon shall provide DSLnet with access to a Sub-Loop Distribution Facility in accordance with, and subject to, the terms and provisions of this Section 0, the rates set forth in the Pricing Attachment, and the rates, terms and conditions set forth in Verizon's applicable Tariffs. Verizon shall provide DSLnet with access to a Sub-Loop Distribution Facility in accordance with, but only to the extent required by,

Applicable Law.

DSLnet may request that Verizon reactivate (if available) an unused drop and NID or provide DSLnet with access to a drop and NID that, at the time of DSLnet's request, Verizon is using to provide service to the Customer (as such term is hereinafter defined).

DSLnet may obtain access to a Sub-Loop Distribution Facility only at an FDI, through any method required by Applicable Law, in addition to existing methods such as from a Telecommunications outside plant interconnection cabinet (TOPIC) or, if DSLnet is collocated at a remote terminal equipment enclosure and the FDI for such Sub-Loop Distribution Facility is located in such enclosure, from the Collocation arrangement of DSLnet at such terminal. If DSLnet obtains access to a Sub-Loop Distribution Facility from a TOPIC, DSLnet shall install a TOPIC on an easement or Right of Way obtained by DSLnet within 100 feet of the Verizon FDI to which such Sub-Loop Distribution Facility is connected. A TOPIC must comply with applicable industry standards. Subject to the terms of applicable Verizon easements, Verizon shall furnish and place an interconnecting cable between a Verizon FDI and a DSLnet TOPIC and Verizon shall install a termination block within such TOPIC. Verizon shall retain title to and maintain the interconnecting cable. Verizon shall not be responsible for building, maintaining or servicing the TOPIC and shall not provide any power that might be required by DSLnet for any of DSLnet's electronics in the TOPIC. DSLnet shall provide any easement, Right of Way or trenching or supporting structure required for any portion of an interconnecting cable that runs beyond a Verizon easement.

DSLnet may request from Verizon by submitting a loop make-up engineering query to Verizon, and Verizon shall provide to DSLnet, the following information regarding a Sub-Loop Distribution Facility that serves an identified Customer: the Sub-Loop Distribution Facility's length and gauge; whether the Sub-Loop Distribution Facility has loading and bridged tap; the amount of bridged tap (if any) on the Sub-Loop Distribution Facility; and, the location of the FDI to which the Sub-Loop Distribution Facility is connected.

To order access to a Sub-Loop Distribution Facility from a TOPIC, DSLnet must first request that Verizon connect the Verizon FDI to which the Sub-Loop Distribution Facility is connected to a DSLnet TOPIC. To make such a request, DSLnet must submit to Verizon an application (a "Sub-Loop Distribution Facility Interconnection Application") that identifies the FDI at which DSLnet wishes to access the Sub-Loop Distribution Facility. A Sub-Loop Distribution Facility Interconnection Application shall state the location of the TOPIC, the size of the interconnecting cable and a description of the cable's supporting structure. A Sub-Loop Distribution Facility Interconnection Application shall also include a five -year forecast of DSLnet's demand for access to Sub-Loop Distribution Facilities at the requested FDI. DSLnet must submit the application fee set forth in the Pricing Attachment attached hereto and Verizon's applicable Tariffs (a "Sub-Loop Distribution Facility Application Fee") with Sub-Loop Distribution Facility Interconnection Application. DSLnet must submit Sub-Loop Interconnection Applications to:

USLA Project Manager
Verizon
Room 509
125 High Street
Boston, MA 02110
E-Mail: Collocation.applications@Verizon.com

Within sixty (60) days after it receives a complete Sub-Loop Distribution Facility Interconnection Application for access to a Sub-Loop Distribution Facility and the Sub-Loop Distribution Facility Application Fee for such application, Verizon shall provide to DSLnet a work order that describes the work that Verizon must perform to provide such access (a “Sub-Loop Distribution Facility Work Order”) and a statement of the cost of such work (a “Sub-Loop Distribution Facility Interconnection Cost Statement”).

DSLnet shall pay to Verizon fifty percent (50%) of the cost set forth in a Sub-Loop Distribution Facility Interconnection Cost Statement within sixty (60) days of DSLnet’s receipt of such statement and the associated Sub-Loop Distribution Facility Work Order, and Verizon shall not be obligated to perform any of the work set forth in such order until Verizon has received such payment. A Sub-Loop Distribution Facility Interconnection Application shall be deemed to have been withdrawn if DSLnet breaches its payment obligation under this Section. Upon Verizon’s completion of the work that Verizon must perform to provide DSLnet with access to a Sub-Loop Distribution Facility, Verizon shall bill DSLnet, and DSLnet shall pay to Verizon, the balance of the cost set forth in the Sub-Loop Distribution Facility Interconnection Cost Statement for such access.

After Verizon has completed the installation of the interconnecting cable to a DSLnet TOPIC and DSLnet has paid the full cost of such installation, DSLnet can request the connection of Verizon Sub-Loop Distribution Facilities to the DSLnet TOPIC. At the same time, DSLnet shall advise Verizon of the services that DSLnet plans to provide over the Sub-Loop Distribution Facility, request any conditioning of the Sub-Loop Distribution Facility and assign the pairs in the interconnecting cable. DSLnet shall run any crosswires within the TOPIC.

If DSLnet requests that Verizon reactivate an unused drop and NID, then DSLnet shall provide dial tone (or its DSL equivalent) on the DSLnet side of the applicable Verizon FDI at least twenty-four (24) hours before the due date. On the due date, a Verizon technician will run the appropriate cross connection to connect the Verizon Sub-Loop Distribution Facility to the DSLnet dial tone or equivalent from the TOPIC. If DSLnet requests that Verizon provide DSLnet with access to a Sub-Loop Distribution Facility that, at the time of DSLnet’s request, Verizon is using to provide service to a Customer, then, after DSLnet has looped two interconnecting pairs through the TOPIC and at least twenty four (24) hours before the due date, a Verizon technician shall crosswire the dial tone from the Verizon central office through the Verizon side of the TOPIC and back out again to the Verizon FDI and Verizon Sub-Loop Distribution Facility using the “loop through” approach. On the due date, DSLnet shall disconnect Verizon’s dial tone, crosswire its dial tone to the Sub-Loop Distribution Facility and submit DSLnet’s long-term number portability request.

Verizon will not provide access to a Sub-Loop Distribution Facility if Verizon is using the loop of which the Sub-Loop Distribution Facility is a part to provide line sharing service to another CLEC or a service that uses derived channel technology to a Customer unless such other CLEC first terminates the Verizon-provided line sharing or such Customer first disconnects the service that utilizes derived channel technology.

Verizon shall provide DSLnet with access to a Sub-Loop Distribution Facility in accordance with negotiated intervals

Verizon shall repair and maintain a Sub-Loop Distribution Facility at the request of DSLnet and subject to the time and material rates set forth in Pricing Attachment and the rates, terms and conditions of Verizon's applicable Tariffs. DSLnet accepts responsibility for initial trouble isolation for Sub-Loop Distribution Facilities and providing Verizon with appropriate dispatch information based on its test results. If (a) DSLnet reports to Verizon a Customer trouble, (b) DSLnet requests a dispatch, (c) Verizon dispatches a technician, and (d) such trouble was not caused by Verizon Sub-Loop Distribution Facility facilities or equipment in whole or in part, DSLnet shall pay Verizon the charges set forth in the Pricing Attachment and Verizon's applicable Tariffs for time associated with said dispatch. In addition, these charges also apply when the Customer contact as designated by DSLnet is not available at the appointed time. If as the result of DSLnet instructions, Verizon is erroneously requested to dispatch to a site on Verizon company premises ("dispatch in"), the charges set forth in Pricing Attachment and Verizon's applicable Tariffs will be assessed per occurrence to DSLnet by Verizon. If as the result of DSLnet instructions, Verizon is erroneously requested to dispatch to a site outside of Verizon company premises ("dispatch out"), the charges set forth in Pricing Attachment and Verizon's applicable Tariffs will be assessed per occurrence to DSLnet by Verizon.

Unbundled Feeder Sub-Loop – Element (UFSE).

Subject to the conditions set forth in Section Error! Reference source not found. of this Attachment and upon request by DSLnet, Verizon shall provide DSLnet with access to a Sub-Loop Feeder Facility in accordance with, and subject to, the terms and provisions of this Section 0, the rates and charges provided in the Pricing Attachment and the rates, terms and conditions of Verizon's applicable Tariffs.

DSLnet may obtain access to a Sub-Loop Feeder Facility through any method required by Applicable Law, in addition to existing methods such as from a DSLnet Collocation arrangement in the Verizon End Office where such Sub-Loop Feeder Facility originates, in which case Verizon shall terminate a Sub-Loop Feeder Facility in an RTEE that subtends such End Office only if DSLnet has a Collocation arrangement in such RTEE. Upon DSLnet's request, Verizon will connect a Sub-Loop Feeder Facility to a DSLnet Collocation arrangement in the Verizon End Office where the Sub-Loop Feeder Facility originates and to either a DSLnet Collocation arrangement in the Verizon RTEE that subtends such End Office or a Telecommunications Carrier Outside Plant Cabinet (such a cabinet, a "TOPIC") located within 100 feet of the FDI that subtends the End Office and that DSLnet has established in accordance with, and subject to the terms and provisions of, an agreement between Verizon and DSLnet that governs the establishment of such TOPIC. Verizon shall connect a Sub-Loop Feeder Facility to the point of termination bay

of a DSLnet Collocation arrangement in a Verizon Central Office or to a DSLnet TOPIC, by installing appropriate cross connections and Verizon shall be solely responsible for installing such cross connections. DSLnet may obtain access to a Sub-Loop Feeder Facility between an End Office and an RTEE or an FDI only if DS1 or DS3-capable transmission facilities are available and not in use between such office and RTEE or FDI.

DSLnet shall run any crosswires within a DSLnet physical Collocation arrangement and a DSLnet TOPIC and DSLnet will have sole responsibility for identifying to Verizon where a Sub-Loop Feeder Facility should be connected to a DSLnet Collocation arrangement. DSLnet shall be solely responsible for providing power and space for any cross connects and other equipment that Verizon installs in a TOPIC, and DSLnet shall not bill Verizon, and Verizon shall not pay DSLnet, for providing such power and space.

Verizon shall not be obligated to provide to DSLnet any multiplexing at an RTEE or at a TOPIC. If DSLnet requests access to a Sub-Loop Feeder Facility and a Sub-Loop Distribution Facility that are already combined, such combination shall be deemed to be a loop and Verizon shall provide such loop to DSLnet in accordance with, but only to the extent required by, the terms, provisions and rates in this Agreement that govern loops, if any.

Verizon shall provide DSLnet with access to Sub-Loop Feeder Facility in accordance with negotiated intervals.

Verizon shall repair and maintain a Sub-Loop Feeder Facility at the request of DSLnet and subject to the time and material rates set forth in the Pricing Attachment and the rates, terms and conditions of Verizon's applicable Tariffs. DSLnet may not rearrange, disconnect, remove or attempt to repair or maintain any Verizon equipment or facilities without the prior written consent of Verizon. DSLnet accepts responsibility for initial trouble isolation for Sub-Loop Feeder Facilities and providing Verizon with appropriate dispatch information based on its test results. If (a) DSLnet reports to Verizon a trouble, (b) DSLnet requests a dispatch, (c) Verizon dispatches a technician, and (d) such trouble was not caused by Sub-Loop Feeder Facilities or equipment in whole or in part, then DSLnet shall pay Verizon the charges set forth in Pricing Attachment and Verizon's applicable Tariffs for time associated with said dispatch. In addition, these charges also apply when a DSLnet contact as designated by DSLnet is not available at the appointed time. If as the result of DSLnet instructions, Verizon is erroneously requested to dispatch to a site on Verizon company premises ("dispatch in"), the charges set forth in Pricing Attachment and Verizon's applicable Tariffs will be assessed per occurrence to DSLnet by Verizon. If as the result of DSLnet instructions, Verizon is erroneously requested to dispatch to a site outside of Verizon company premises ("dispatch out"), the charges set forth in Pricing Attachment and Verizon's applicable Tariffs will be assessed per occurrence to DSLnet by Verizon.

Collocation in Remote Terminals.

To the extent required by Applicable Law, Verizon shall allow DSLnet to collocate equipment in a Verizon remote terminal equipment enclosure in accordance with, and subject to, the rates, terms and conditions set forth in the Collocation Attachment and the Pricing Attachment.

Inside Wire

House and Riser.

Subject to the conditions set forth in Section **Error! Reference source not found.** of this Attachment and upon request by DSLnet, Verizon shall provide to DSLnet access to a House and Riser Cable in accordance with this Section 0 and the rates and charges provided in the Pricing Attachment. Verizon will provide access to a House and Riser Cable only if Verizon owns, operates, maintains and controls such facility and only where such facility is available. Verizon shall not reserve a House and Riser Cable for DSLnet. DSLnet may access a House and Riser Cable only at the MPOE for such cable. Verizon shall provide DSLnet with access to House and Riser Cable in accordance with, but only to the extent required by, Applicable Law. DSLnet must satisfy the following conditions before ordering access to a House and Riser Cable from Verizon:

DSLnet shall locate its compatible terminal block within cross connect distance of the MPOE for such cable. A terminal block is within cross connect distance of an MPOE if it is located in the same room (not including a hallway) or within twelve (12) feet of such MPOE.

If suitable space is available, DSLnet shall install its terminal block no closer than within fourteen (14) inches of the MPOE for such cable, unless otherwise agreed by the Parties.

DSLnet's terminal block or equipment cannot be attached, otherwise affixed or adjacent to Verizon's facilities or equipment, cannot pass through or otherwise penetrate Verizon's facilities or equipment and cannot be installed so that DSLnet's terminal block or equipment is located in a space where Verizon plans to locate its facilities or equipment.

DSLnet shall identify its terminal block and equipment as a DSLnet facility.

To provide DSLnet with access to a House and Riser Cable, Verizon shall not be obligated to (a) move any Verizon equipment, (b) secure any right of way for DSLnet, (c) secure space for DSLnet in any building, (d) secure access to any portion of a building for DSLnet or (e) reserve space in any building for DSLnet.

DSLnet must ensure that its terminal block has been tested for proper installation, numbering and operation before ordering from Verizon access to a House and Riser Cable. Verizon shall perform cutover of a Customer to DSLnet service by means of a House and Riser Cable subject to a negotiated interval. Verizon shall install a jumper cable to connect the appropriate Verizon House and Riser Cable pair to DSLnet's termination block, and Verizon shall determine how to perform such installation. DSLnet shall coordinate with Verizon to ensure that House and Riser Cable facilities are converted to DSLnet in accordance with DSLnet's order for such services.

If a DSLnet compatible connecting block or spare termination on DSLnet's connecting block is not available at the time of installation, Verizon shall bill DSLnet, and DSLnet shall pay to Verizon, the Not Ready Charge set forth in the Pricing Attachment and the Parties shall establish a new cutover date.

Verizon shall perform all installation work on Verizon equipment in connection with DSLnet's use of Verizon's House and Riser Cable. All DSLnet equipment connected to a House and Riser Cable shall comply with applicable industry standards.

Verizon shall repair and maintain a House and Riser Cable at the request of DSLnet.

DSLnet shall be solely responsible for investigating and determining the source of all troubles and for providing Verizon with appropriate dispatch information based on its test results. Verizon shall repair a trouble only when the cause of the trouble is a Verizon House and Riser Cable. If (a) DSLnet reports to Verizon a Customer trouble, (b) DSLnet requests a dispatch, (c) Verizon dispatches a technician, and (d) such trouble was not caused by a Verizon House and Riser Cable in whole or in part, then DSLnet shall pay Verizon the charge set forth in the Pricing Attachment for time associated with said dispatch. In addition, this charge also applies when the Customer contact as designated by DSLnet is not available at the appointed time. If as the result of DSLnet instructions, Verizon is erroneously requested to dispatch to a site on Verizon company premises ("dispatch in"), a charge set forth in the Pricing Attachment will be assessed per occurrence to DSLnet by Verizon. If as the result of DSLnet instructions, Verizon is erroneously requested to dispatch to a site outside of Verizon company premises ("dispatch out"), a charge set forth in the Pricing Attachment will be assessed per occurrence to DSLnet by Verizon.

Dark Fiber

Subject to the conditions set forth in Section Error! Reference source not found. of this Attachment and upon request by DSLnet, Verizon shall provide DSLnet with access to unbundled Dark Fiber Loops, Dark Fiber Sub-Loops and Dark Fiber IOF (collectively referred to as "Dark Fiber") in accordance with, and subject to, the rates, terms and conditions provided in the Pricing Attachment and rates, terms and conditions of Verizon's applicable Tariffs and, on an interim basis only until such time as there is an effective Tariff in Maine governing the provision of Dark Fiber, in accordance with the letter from Mr. Dennis L. Keshl, Administrative Director of the Commission to Mr. Edward Dinan, President and CEO of Verizon New England Inc., d/b/a Verizon Maine dated March 1, 2002 regarding Docket number 2000-849 ("Commission Letter"), which Commission Letter is hereby incorporated by reference into this Agreement. For avoidance of doubt, at such time as there is an effective Verizon Dark Fiber Tariff in the state of Maine, and subject to the foregoing, Verizon shall no longer provide Dark Fiber to DSLnet in accordance with the Commission Letter and shall instead provide Dark Fiber to DSLnet in accordance with the rates, terms and conditions set forth in the effective Verizon Dark Fiber Tariff provisions. Because Verizon is incorporating the terms set forth in the Commission Letter into this Agreement on an interim basis in order to comply with Applicable Law in the state of Maine, such provisions shall not be deemed to have been voluntarily negotiated or agreed to by Verizon and shall not be available to carriers pursuant to Appendix D, Sections 31 and 32 of the Merger Order. Access to unbundled Dark Fiber Loops, Dark Fiber Sub-Loops and Dark Fiber IOF will be provided by Verizon only where existing facilities are available. Access to Dark Fiber Loops, Dark Fiber Sub-Loops and Dark Fiber IOF will be provided in accordance with, but only to the extent required by, Applicable Law. Dark Fiber Loops, Dark Fiber Sub-Loops and Dark Fiber IOF consist of Verizon optical transmission facilities without attached multiplexers, aggregation or other electronics. To the extent Verizon's Dark Fiber Loops, Dark Fiber Sub-Loops and Dark Fiber IOF contain any lightwave repeaters (e.g., regenerators or optical amplifiers) installed thereon, Verizon shall not remove the same. Except as otherwise required by Applicable Law, the following terms and conditions apply to Verizon's Dark Fiber offerings.

In addition to the other terms and conditions of this Agreement, the following terms and conditions shall apply to Dark Fiber Loops, Dark Fiber Sub-Loops and Dark Fiber IOF:

Verizon shall be required to provide a Dark Fiber Loop only where one end of the Dark Fiber Loop terminates at a Verizon accessible terminal in Verizon's Central Office that can be cross-connected to DSLnet's Collocation arrangement located in that same Verizon Central Office and the other end terminates at Verizon's accessible terminal located in Verizon's main termination point in the Customer premises in the same serving wire center. Verizon shall be required to provide a Dark Fiber Sub-Loop only where (1) one end of the Dark Fiber Sub-Loop terminates at Verizon's accessible terminal in Verizon's Central Office that can be cross-connected to DSLnet's Collocation arrangement located in that same Verizon Central Office and the other end terminates at Verizon's accessible terminal at a Verizon remote terminal equipment enclosure that can be cross-connected to DSLnet's Collocation arrangement or adjacent structure, or (2) one end of the Dark Fiber Sub-Loop terminates at Verizon's accessible terminal located at Verizon's main termination point located within the Customer premises and the other end terminates at Verizon's accessible terminal at a Verizon remote terminal equipment enclosure that can be cross-connected to DSLnet's Collocation arrangement or adjacent structure, or (3) one end of the Dark Fiber Sub-Loop terminates at Verizon's accessible terminal at a Verizon remote terminal equipment enclosure that can be cross-connected to DSLnet's Collocation arrangement or adjacent structure and the other end terminates at Verizon's accessible terminal at another Verizon remote terminal equipment enclosure that can be cross-connected to DSLnet's Collocation arrangement or adjacent structure. A DSLnet demarcation point at a Customer premises shall be established in the main telco room of the Customer premises if Verizon is located in that room or, if the building does not have a main telco room or if Verizon is not located in that room, then at a location to be determined by Verizon. A DSLnet demarcation point at a Customer premises shall be established at a location that is no more than thirty (30) feet from Verizon's accessible terminal on which the Dark Fiber Loop or Dark Fiber Sub-Loop terminates. Verizon shall connect a Dark Fiber Loop or Dark Fiber Sub-Loop to the DSLnet demarcation point by installing a fiber jumper no greater than thirty (30) feet in length.

DSLnet may access a Dark Fiber Loop, a Dark Fiber Sub-Loop, or Dark Fiber IOF only at a pre-existing Verizon accessible terminal of such Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF, and DSLnet may not access a Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF at any other point, including, but not limited to, a splice point or case. Dark Fiber Loops, Dark Fiber Sub-Loops and Dark Fiber IOF are not available to DSLnet unless such Dark Fiber Loops, Dark Fiber Sub-Loops or Dark Fiber IOF are already terminated on an existing Verizon accessible terminal. Unused fibers located in a cable vault or a controlled environment vault, manhole or other location outside the Verizon Wire Center, and not terminated to a fiber patch panel, are not available to DSLnet.

Except if and, to the extent required by, Applicable Law, Verizon will not perform splicing (e.g., introduce additional splice points or open existing splice points or cases) to accommodate DSLnet's request.

Verizon shall perform all work necessary to install (1) a cross connect or a fiber jumper from a Verizon accessible terminal to a DSLnet Collocation

arrangement or (2) from a Verizon accessible terminal to DSLnet's demarcation point at a Customer premises or DSLnet Central Office.

A "Dark Fiber Inquiry Form" must be submitted prior to submitting an ASR. Upon receipt of DSLnet's completed Dark Fiber Inquiry Form, Verizon will initiate a review of its cable records to determine whether Dark Fiber Loop(s), Dark Fiber Sub-Loop(s) or Dark Fiber IOF may be available between the locations and in the quantities specified. Verizon will respond within fifteen (15) Business Days from receipt of the DSLnet's Dark Fiber Inquiry Form, indicating whether Dark Fiber Loop(s), Dark Fiber Sub-Loop(s) or Dark Fiber IOF may be available (if so available, an "Acknowledgement") based on the records search except that for voluminous requests or large, complex projects, Verizon reserves the right to negotiate a different interval. The Dark Fiber Inquiry is a record search and does not guarantee the availability of Dark Fiber Loop(s), Dark Fiber Sub-Loop(s) or Dark Fiber IOF. Where a direct Dark Fiber IOF route is not available, Verizon will provide, where available, Dark Fiber IOF via a reasonable indirect route that passes through intermediate Verizon Central Offices at the rates set forth in the Pricing Attachment. Verizon reserves the right to limit the number of intermediate Verizon Central Offices on an indirect route consistent with limitations in Verizon's network design and/or prevailing industry practices for optical transmission applications. Any limitations on the number of intermediate Verizon Central Offices will be discussed with DSLnet. If access to Dark Fiber IOF is not available, Verizon will notify DSLnet, within fifteen (15) Business Days, that no spare Dark Fiber IOF is available over the direct route nor any reasonable alternate indirect route, except that for voluminous requests or large, complex projects, Verizon reserves the right to negotiate a different interval. Where no available route was found during the record review, Verizon will identify the first blocked segment on each alternate indirect route and which segment(s) in the alternate indirect route are available prior to encountering a blockage on that route, at the rates set forth in the Pricing Attachment.

DSLnet shall indicate on the Dark Fiber Inquiry Form whether the available Dark Fiber should be reserved, at the rates set forth in the Pricing Attachment, pending receipt of an order for the Dark Fiber.

Upon request from DSLnet as indicated on the Dark Fiber Inquiry Form, Verizon shall hold such requested Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF for DSLnet's use for ten (10) Business Days from DSLnet's receipt of Acknowledgement and may not allow any other party (including Verizon) to use such fiber during that time period.

DSLnet shall submit an order for the reserved Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF as soon as possible using the standard ordering process or parallel provisioning process as described in Section 0. The standard ordering process shall be used when DSLnet does not have additional requirements for Collocation. The parallel provisioning process shall be used when DSLnet requires new Collocation facilities or changes to existing Collocation arrangements.

If no order is received from DSLnet for the reserved Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF within ten (10) Business Days from DSLnet's receipt of Acknowledgement, Verizon shall return to spare the reserved Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF that Verizon previously notified DSLnet are available. Should DSLnet submit an order to Verizon after the ten (10) Business Day reservation period for access to a Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF that Verizon has previously notified DSLnet was available, DSLnet assumes all risk that such Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF will no longer be available.

Upon DSLnet's request, the Parties will conduct parallel provisioning of Collocation and Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF in accordance with the following terms and conditions:

DSLnet will use existing interfaces and Verizon's current applications and order forms to request Collocation and Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF.

Verizon will parallel process DSLnet's requests for Collocation, including augments, and Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF.

Before DSLnet submits a request for parallel provisioning of Collocation and Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF, DSLnet will:

submit a Dark Fiber Inquiry Form and receive an Acknowledgement from Verizon;
and

submit a Collocation application for the Verizon Central Office(s) where the Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF terminates and receive confirmation from Verizon that DSLnet's Collocation application has been accepted.

DSLnet will prepare requests for parallel provisioning of Collocation and Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF in the manner and form reasonably specified by Verizon.

If Verizon rejects DSLnet's Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF request, DSLnet may cancel its Collocation application within five (5) Business Days of such rejection and receive a refund of the Collocation application fee paid by DSLnet, less the costs Verizon incurred to date.

If Verizon accepts DSLnet's Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF request, Verizon will parallel provision the Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF to a temporary location in Verizon's Central Office(s). Verizon will charge and DSLnet will pay for parallel provisioning of such Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF at the rates specified in the Pricing Attachment beginning on the date that Verizon accepts each Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF request.

Within ten (10) days after Verizon completes a DSLnet Collocation application, DSLnet shall submit a Dark Fiber change request to reposition Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF from the temporary location in that Verizon Central Office(s) to the permanent location at DSLnet's Collocation arrangement in such Verizon Central Office(s). DSLnet will prepare such request(s) in the manner and form specified by Verizon.

If DSLnet cancels its Collocation application, DSLnet must also submit a cancellation for the unbundled Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF provisioned to the temporary location in the Verizon Central Office(s).

DSLnet shall order Dark Fiber Loops, Dark Fiber Sub-Loops or Dark Fiber IOF by sending to Verizon a separate ASR for each A to Z route.

Where a Collocation arrangement can be accomplished in a Verizon premises, access to Dark Fiber Loops, Dark Fiber Sub-Loops and Dark Fiber IOF that terminate in a Verizon premises must be accomplished via a Collocation arrangement in that Verizon premises. In circumstances where a Collocation arrangement cannot be accomplished in a Verizon premises, the Parties agree to negotiate for possible alternative arrangements.

A Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF will be offered to DSLnet in the condition that it is available in Verizon's network at the time that DSLnet submits its request (i.e., "as is"). In addition, Verizon shall not be required to convert lit fiber to a Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF for DSLnet's use.

Spare wavelengths on fiber strands, where Wave Division Multiplexing (WDM) or Dense Wave Division Multiplexing (DWDM) equipment is deployed, are not considered to be Dark Fiber Loops, Dark Fiber Sub-Loops or Dark Fiber IOF, and, therefore, will not be offered to DSLnet as Dark Fiber Loops, Dark Fiber Sub-Loops or Dark Fiber IOF.

Fiber that has been assigned to fulfill a Customer order for maintenance purposes or for Verizon's lit fiber optic systems will not be offered to DSLnet as Dark Fiber Loops, Dark Fiber Sub-Loops or Dark Fiber IOF.

DSLnet shall be responsible for providing all transmission, terminating and lightwave repeater equipment necessary to light and use Dark Fiber Loops, Dark Fiber Sub-Loops, or Dark Fiber IOF.

DSLnet may not resell Dark Fiber Loops, Dark Fiber Sub-Loops or Dark Fiber IOF, purchased pursuant to this Agreement to third parties.

Except to the extent that Verizon is required by Applicable Law to provide Dark Fiber Loops, Dark Fiber Sub-Loops or Dark Fiber IOF to DSLnet for use for Special or Switched Exchange Access Services, DSLnet shall not use Dark Fiber Loops, Dark Fiber Sub-Loops or Dark Fiber IOF, for Special or Switched Exchange Access Services.

In order to preserve the efficiency of its network, Verizon may, upon a showing of need to the Commission, limit DSLnet to leasing up to a maximum of twenty-five percent (25%) of the Fiber Loops, Fiber Sub-Loops or Fiber IOF in any given segment of Verizon's network. In addition, except as otherwise required by Applicable Law, Verizon may take any of the following actions, notwithstanding anything to the contrary in this Agreement:

Revoke Dark Fiber Loops, Dark Fiber Sub-Loops or Dark Fiber IOF leased to DSLnet upon a showing of need to the Commission and twelve (12) months' advance written notice to DSLnet; and

Verizon reserves and shall not waive, Verizon's right to claim before the Commission that Verizon should not have to fulfill a DSLnet order for Dark Fiber Loops, Dark Fiber Sub-Loops, or Dark Fiber IOF because that request would strand an unreasonable amount of fiber capacity, disrupt or degrade service to Customers or carriers other than DSLnet, or impair Verizon's ability to meet a legal obligation.

Except as expressly set forth in this Agreement, DSLnet may not reserve Dark Fiber Loops, Dark Fiber Sub-Loops or Dark Fiber IOF.

DSLnet shall be solely responsible for: (a) determining whether or not the transmission characteristics of the Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF accommodate the requirements of DSLnet; (b) obtaining any Rights of Way, governmental or private property permit, easement or other authorization or approval required for access to the Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF; (c) installation of fiber optic transmission equipment needed to power the Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF to transmit Telecommunications Services traffic; (d) installation of a demarcation point in a building where a Customer is located; and (e) except as set forth with respect to the parallel provisioning process addressed above, DSLnet's Collocation arrangements with any proper optical cross connects or other equipment that DSLnet needs to access Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF before it submits an order for such access. DSLnet hereby represents and warrants that it shall have all such rights of way, authorizations and the like applicable to the geographic location at which it wishes to establish a demarcation point for a Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF, on or before the date that DSLnet places an order for the applicable Dark

Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF, and that it shall maintain the same going forward.

DSLnet is responsible for trouble isolation before reporting trouble to Verizon. Verizon will restore continuity to Dark Fiber Loops, Dark Fiber Sub-Loops and Dark Fiber IOF that have been broken. Verizon will not repair a Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF that is capable of transmitting light, even if the transmission characteristics of the Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF have changed.

DSLnet is responsible for all work activities at the Customer premises. Except as otherwise required by Applicable Law, all negotiations with the premises owner are solely the responsibility of DSLnet.

DSLnet may request the following, which shall be provided on a time and materials basis (as set forth in the Pricing Attachment):

A fiber layout map that shows the streets within a Verizon Wire Center where there are existing Verizon fiber cable sheaths. Verizon shall provide such maps to DSLnet subject to the agreement of DSLnet, in writing, to treat the maps as confidential and to use them for preliminary design purposes only. DSLnet acknowledges that fiber layout maps do not show whether or not spare Dark Fiber Loops, Dark Fiber Sub-Loops, or Dark Fiber IOF are available. Verizon shall provide fiber layout maps to DSLnet subject to a negotiated interval.

A field survey that shows the availability of Dark Fiber Loop(s), Dark Fiber Sub-Loop(s) or Dark Fiber IOF between two or more Verizon Central Offices, a Verizon Central Office and a DSLnet Central Office or a Verizon End Office and the premises of a Customer, shows whether or not such Dark Fiber Loop(s), Dark Fiber Sub-Loop(s), or Dark Fiber IOF are defective, shows whether or not such Dark Fiber Loop(s), Dark Fiber Sub-Loop(s) or Dark Fiber IOF have been used by Verizon for emergency restoration activity and tests the transmission characteristics of Verizon's Dark Fiber Loop(s), Dark Fiber Sub-Loop(s) or Dark Fiber IOF. If a field survey shows that a Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF is available, DSLnet may reserve the Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF, as applicable, for ten (10) Business Days from receipt of Verizon's field survey results. If DSLnet submits an order for access to such Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF after passage of the foregoing ten (10) Business Day reservation period, Verizon does not guarantee or warrant the Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF will be available when Verizon receives such order, and DSLnet assumes all risk that the Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF will not be available. Verizon shall perform a field survey subject to a negotiated interval. If a DSLnet submits an order for a Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF without first obtaining the results of a field survey of such Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber IOF, DSLnet assumes all risk that the Dark Fiber Loop, Dark Fiber Sub-Loop or Dark Fiber

IOF will not be compatible with DSLnet's equipment, including, but not limited to, order cancellation charges.

Network Interface Device

Subject to the conditions set forth in Section Error! Reference source not found. of this Attachment and upon request by DSLnet, Verizon shall permit DSLnet to connect a DSLnet Loop to the Inside Wiring of a Customer's premises through the use of a Verizon NID in accordance with this Section 0 and the rates and charges provided in the Pricing Attachment. Verizon shall provide DSLnet with access to NIDs in accordance with, but only to the extent required by, Applicable Law. DSLnet may access a Verizon NID either by means of a connection (but only if the use of such connection is technically feasible) from an adjoining DSLnet NID deployed by DSLnet or, if an entrance module is available in the Verizon NID, by connecting a DSLnet Loop to the Verizon NID. When necessary, Verizon will rearrange its facilities to provide access to an existing Customer's Inside Wire. An entrance module is available only if facilities are not connected to it.

In no case shall DSLnet access, remove, disconnect or in any other way rearrange Verizon's Loop facilities from Verizon's NIDs, enclosures, or protectors.

In no case shall DSLnet access, remove, disconnect or in any other way rearrange, a Customer's Inside Wiring from Verizon's NIDs, enclosures, or protectors where such Customer Inside Wiring is used in the provision of ongoing Telecommunications Service to that Customer.

In no case shall DSLnet remove or disconnect ground wires from Verizon's NIDs, enclosures, or protectors.

In no case shall DSLnet remove or disconnect NID modules, protectors, or terminals from Verizon's NID enclosures.

Maintenance and control of premises Inside Wiring is the responsibility of the Customer. Any conflicts between service providers for access to the Customer's Inside Wiring must be resolved by the person who controls use of the wiring (e.g., the Customer).

When DSLnet is connecting a DSLnet-provided Loop to the Inside Wiring of a Customer's premises through the Customer's side of the Verizon NID, DSLnet does not need to submit a request to Verizon and Verizon shall not charge DSLnet for access to the Verizon NID. In such instances, DSLnet shall comply with the provisions of Sections 0 through 0 of this Attachment and shall access the Customer's Inside Wire in the manner set forth in Section 0 of this Attachment.

Due to the wide variety of NIDs utilized by Verizon (based on Customer size and environmental considerations), DSLnet may access the Customer's Inside Wiring, acting as the agent of the Customer by any of the following means:

Where an adequate length of Inside Wiring is present and environmental conditions permit, DSLnet may remove the Inside Wiring from the Customer's side of the Verizon NID and connect that Inside Wiring to DSLnet's NID.

Where an adequate length of Inside Wiring is not present or environmental conditions do not permit, DSLnet may enter the Customer side of the Verizon NID enclosure for the purpose of removing the Inside Wiring from the terminals of Verizon's NID and connecting a connectorized or spliced jumper wire from a suitable "punch out" hole of such NID

enclosure to the Inside Wiring within the space of the Customer side of the Verizon NID. Such connection shall be electrically insulated and shall not make any contact with the connection points or terminals within the Customer side of the Verizon NID.

DSLnet may request Verizon to make other rearrangements to the Inside Wiring terminations or terminal enclosure on a time and materials cost basis to be charged to the requesting party (i.e. DSLnet, its agent, the building owner or the Customer). If DSLnet accesses the Customer's Inside Wiring as described in this Section 0, time and materials charges will be billed to the requesting party (i.e. DSLnet, its agent, the building owner or the Customer).

Unbundled Switching Elements

Subject to the conditions set forth in Section Error! Reference source not found. of this Attachment, Verizon shall make available to DSLnet the local switching element and Tandem switching element unbundled from transport, local Loop transmission, or other services, in accordance with this Section 0 and the rates and charges provided in the Pricing Attachment. Verizon shall provide DSLnet with access to the local switching element and the Tandem switching element in accordance with, but only to the extent required by, Applicable Law.

Local Switching.

The unbundled local switching element includes line side and trunk side facilities (e.g. line and trunk side Ports such as analog and ISDN line side Ports and DS1 trunk side Ports), plus the features, functions, and capabilities of the switch. It consists of the line-side Port (including connection between a Loop termination and a switch line card, telephone number assignment, basic intercept, one primary directory listing, presubscription, and access to 911, operator services, and directory assistance), line and line group features (including all vertical features and line blocking options that the switch and its associated deployed switch software is capable of providing and are currently offered to Verizon's local exchange Customers), usage (including the connection of lines to lines, lines to trunks, trunks to lines, and trunks to trunks), and trunk features (including the connection between the trunk termination and a trunk card).

Verizon shall offer, as an optional chargeable feature, usage tapes in accordance with Section Error! Reference source not found. of the Additional Services Attachment.

DSLnet may request activation or deactivation of features on a per-port basis at any time, and shall compensate Verizon for the non-recurring charges associated with processing the order. DSLnet may submit a Bona Fide Request in accordance with Section 0 of this Attachment for other switch features and functions that the switch is capable of providing, but which Verizon does not currently provide, or for customized routing of traffic other than operator services and/or directory assistance traffic. Verizon shall develop and provide these requested services where technically feasible with the agreement of DSLnet to pay the recurring and non-recurring costs of developing, installing, updating, providing and maintaining these services.

Network Design Request (NDR).

Prior to submitting any order for unbundled local switching (as a UNE or in combination with other UNEs), DSLnet shall complete the NDR process. As part of the NDR process, DSLnet shall request standardized or customized routing of its Customer traffic in conjunction with the provision of unbundled Local Switching.

If DSLnet selects customized routing, DSLnet shall define the routing plan and Verizon shall implement such plan, subject to technical feasibility constraints. Time and Material Charges may apply.

Tandem Switching.

The unbundled Tandem switching element includes trunk-connect facilities, the basic switching function of connecting trunks to trunks, and the functions that are centralized in Tandem Switches. Unbundled Tandem switching creates a temporary transmission path between interoffice trunks that are interconnected at a Verizon access Tandem for the purpose of routing a call or calls.

Unbundled Interoffice Facilities

Subject to the conditions set forth in Section Error! Reference source not found. of this Attachment, where facilities are available, at DSLnet's request, Verizon shall provide DSLnet with interoffice facilities (IOF) unbundled from other Network Elements at the rates set forth in the Pricing Attachment; provided, however, that Verizon shall offer unbundled shared IOF only to the extent that DSLnet also purchases unbundled Local Switching capability from Verizon in accordance with Section 0 of this Attachment. Verizon shall provide DSLnet with such IOF in accordance with, but only to the extent required by, Applicable Law. Verizon will not install new electronics, and Verizon will not build new facilities.

If and, to the extent that, DSLnet has purchased (or purchases) transport from Verizon under a Verizon tariff or otherwise, and DSLnet has a right under Applicable Law to convert (and wishes to convert) such transport to unbundled IOF under this Agreement, it shall give Verizon written notice of such request (including, without limitation, through submission of ASRs if Verizon so requests) and provide to Verizon all information (including, without limitation, a listing of the specific circuits in question) that Verizon reasonably requires to effectuate such conversion. In the case of any such conversion, DSLnet shall pay any and all conversion charges (e.g., non-recurring charges), as well as any and all termination liabilities, minimum service period charges and like charges in accordance with Verizon's applicable tariffs.

Signaling Networks and Call-Related Databases

Subject to the conditions set forth in Section Error! Reference source not found. of this Attachment and upon request by DSLnet, Verizon shall provide DSLnet with access to databases and associated signaling necessary for call routing and completion by providing SS7 Common Channel Signaling ("CCS") Interconnection, and Interconnection and access to toll free service access code (e.g., 800/888/877) databases, LIDB, and any other necessary databases, in accordance with this Section 0 and the rates and charges provided in the Pricing Attachment. Such access shall be provided by Verizon in accordance with, but only to the extent required by, Applicable Law.

DSLnet shall provide Verizon with CCS Interconnection required for call routing and completion, and the billing of calls which involve DSLnet's Customers, at non-discriminatory rates (subject to the provisions of the Pricing Attachment), terms

and conditions, provided further that if the DSLnet information Verizon requires to provide such call-related functionality is resident in a database, DSLnet will provide Verizon with the access and authorization to query DSLnet's information in the databases within which it is stored.

Alternatively, either Party ("Purchasing Party") may secure CCS Interconnection from a commercial SS7 hub provider (third party signaling provider) to transport signaling messages to and from the Verizon CCS network, and in that case the other Party will permit the Purchasing Party to access the same databases as would have been accessible if the Purchasing Party had connected directly to the other Party's CCS network. If a third party signaling provider is selected by DSLnet to transport signaling messages, that third party provider must present a letter of agency to Verizon, prior to the testing of the interconnection, authorizing the third party to act on behalf of DSLnet.

Regardless of the manner in which DSLnet obtains CCS Interconnection, DSLnet shall comply with Verizon's SS7 certification process prior to establishing CCS Interconnection with Verizon.

The Parties will provide CCS Signaling to each other, where and as available, in conjunction with all Reciprocal Compensation Traffic, Toll Traffic, Meet Point Billing Traffic, and Transit Traffic. The Parties will cooperate on the exchange of TCAP messages to facilitate interoperability of CCS-based features between their respective networks, including all CLASS Features and functions, to the extent each Party offers such features and functions to its Customers. All CCS Signaling parameters will be provided upon request (where available), including called party number, Calling Party Number, originating line information, calling party category, and charge number. All privacy indicators will be honored as required under applicable law.

The Parties will follow all OBF-adopted standards pertaining to CIC/OZZ codes.

Where CCS Signaling is not available, in-band multi-frequency ("MF") wink start signaling will be provided. Any such MF arrangement will require a separate local trunk circuit between the Parties' respective switches in those instances where the Parties have established End Office to End Office high usage trunk groups. In such an arrangement, each Party will out pulse the full ten-digit telephone number of the called Party to the other Party.

The Parties acknowledge that there is a network security risk associated with interconnection with the public Internet Protocol network, including, but not limited to, the risk that interconnection of DSLnet signaling systems to the public Internet Protocol network may expose DSLnet and Verizon signaling systems and information to interference by third parties. DSLnet shall notify Verizon in writing sixty (60) days in advance of installation of any network arrangement that may expose signaling systems or information to access through the public Internet Protocol network. DSLnet shall take commercially reasonable efforts to protect its signaling systems and Verizon's signaling systems from interference by unauthorized persons.

Each Party shall provide trunk groups, where available and upon reasonable request, that are configured utilizing the B8ZS ESF protocol for 64 kbps clear channel transmission to allow for ISDN interoperability between the Parties' respective networks.

The following publications describe the practices, procedures and specifications generally utilized by Verizon for signaling purposes and are listed herein to assist the Parties in meeting their respective Interconnection responsibilities related to Signaling:

Telcordia Generic Requirements, GR-905-CORE, Issue 1, March, 1995, and subsequent issues and amendments; and

Where applicable, Verizon Supplement Common Channel Signaling Network Interface Specification (Verizon-905).

Each Party shall charge the other Party mutual and reciprocal rates for any usage-based charges for CCS Signaling, toll free service access code (e.g., 800/888/877) database access, LIDB access, and access to other necessary databases, as follows: Verizon shall charge DSLnet in accordance with the Pricing Attachment and the terms and conditions in applicable Tariffs. DSLnet shall charge Verizon rates equal to the rates Verizon charges DSLnet, unless DSLnet's Tariffs for CCS signaling provide for lower generally available rates, in which case DSLnet shall charge Verizon such lower rates. Notwithstanding the foregoing, to the extent a Party uses a third party vendor for the provision of CCS Signaling, such charges shall apply only to the third party vendor.

Operations Support Systems

Subject to the conditions set forth in Section **Error! Reference source not found.** of this Attachment and in Section **Error! Reference source not found.** of the Additional Services Attachment, Verizon shall provide DSLnet with access via electronic interfaces to databases required for pre-ordering, ordering, provisioning, maintenance and repair, and billing. Verizon shall provide DSLnet with such access in accordance with, but only to the extent required by, Applicable Law. All such transactions shall be submitted by DSLnet through such electronic interfaces.

Availability of Other Network Elements on an Unbundled Basis

Any request by DSLnet for access to a Verizon Network Element that is not already available and that Verizon is required by Applicable Law to provide on an unbundled basis shall be treated as a Network Element Bona Fide Request pursuant to Section 0, of this Attachment. DSLnet shall provide Verizon access to its Network Elements as mutually agreed by the Parties or as required by Applicable Law.

Notwithstanding anything to the contrary in this Section 0, a Party shall not be required to provide a proprietary Network Element to the other Party under this Section 0 except as required by Applicable Law.

Network Element Bona Fide Request (BFR).

Each Party shall promptly consider and analyze access to a new unbundled Network Element in response to the submission of a Network Element Bona Fide Request by the other Party hereunder. The Network Element Bona Fide Request process set forth herein does not apply to those services requested pursuant to Report & Order and Notice of Proposed Rulemaking 91-141 (rel. Oct. 19, 1992) ¶ 259 and n.603 or subsequent orders.

A Network Element Bona Fide Request shall be submitted in writing and shall include a technical description of each requested Network Element.

The requesting Party may cancel a Network Element Bona Fide Request at any time, but shall pay the other Party's reasonable and demonstrable costs of processing and/or implementing the Network Element Bona Fide Request up to the date of cancellation.

Within ten (10) Business Days of its receipt, the receiving Party shall acknowledge receipt of the Network Element Bona Fide Request.

Except under extraordinary circumstances, within thirty (30) days of its receipt of a Network Element Bona Fide Request, the receiving Party shall provide to the requesting Party a preliminary analysis of such Network Element Bona Fide Request. The preliminary analysis shall confirm that the receiving Party will offer access to the Network Element or will provide a detailed explanation that access to the Network Element is not technically feasible and/or that the request does not qualify as a Network Element that is required to be provided by Applicable Law.

If the receiving Party determines that the Network Element Bona Fide Request is technically feasible and access to the Network Element is required to be provided by Applicable Law, it shall promptly proceed with developing the Network Element Bona Fide Request upon receipt of written authorization from the requesting Party. When it receives such authorization, the receiving Party shall promptly develop the requested services, determine their availability, calculate the applicable prices and establish installation intervals. Unless the Parties otherwise agree, the Network Element requested must be priced in accordance with Section 252(d)(1) of the Act.

As soon as feasible, but not more than ninety (90) days after its receipt of authorization to proceed with developing the Network Element Bona Fide Request, the receiving Party shall provide to the requesting Party a Network Element Bona Fide Request quote which will include, at a minimum, a description of each Network Element, the availability, the applicable rates, and the installation intervals.

Within thirty (30) days of its receipt of the Network Element Bona Fide Request quote, the requesting Party must either confirm its order for the Network Element Bona Fide Request pursuant to the Network Element Bona Fide Request quote or seek arbitration by the Commission pursuant to Section 252 of the Act.

If a Party to a Network Element Bona Fide Request believes that the other Party is not requesting, negotiating or processing the Network Element Bona Fide Request in good faith, or disputes a determination, or price or cost quote, or is failing to act in accordance with Section 251 of the Act, such Party may seek mediation or arbitration by the Commission pursuant to Section 252 of the Act.

Maintenance of Network Elements

If (a) DSLnet reports to Verizon a Customer trouble, (b) DSLnet requests a dispatch, (c) Verizon dispatches a technician, and (d) such trouble was not caused by Verizon's facilities or equipment in whole or in part, then DSLnet shall pay Verizon a charge set forth in the Pricing Attachment for time associated with said dispatch. In addition, this charge also applies when the Customer contact as designated by DSLnet is not available at the appointed time. DSLnet accepts responsibility for initial trouble isolation and providing Verizon with appropriate dispatch information based on its test results. If, as

the result of DSLnet instructions, Verizon is erroneously requested to dispatch to a site on Verizon company premises ("dispatch in"), a charge set forth in the Pricing Attachment will be assessed per occurrence to DSLnet by Verizon. If as the result of DSLnet instructions, Verizon is erroneously requested to dispatch to a site outside of Verizon company premises ("dispatch out"), a charge set forth in the Pricing Attachment will be assessed per occurrence to DSLnet by Verizon. Verizon agrees to respond to DSLnet trouble reports on a non-discriminatory basis consistent with the manner in which it provides service to its own retail Customers or to any other similarly situated Telecommunications Carrier.

Combinations

Subject to the conditions set forth in Section Error! Reference source not found. of this Attachment, Verizon shall be obligated to provide a Combination only to the extent provision of such Combination is required by Applicable Law. To the extent Verizon is required by Applicable Law to provide a Combination to DSLnet, Verizon shall provide such Combination in accordance with, and subject to, requirements established by Verizon that are consistent with Applicable Law (such requirements, the "Combo Requirements"). Verizon shall make the Combo Requirements publicly available in an electronic form.

Rates and Charges

The rates and charges for UNEs, Combinations and other services, facilities and arrangements, offered under this Attachment shall be as provided in this Attachment and the Pricing Attachment.

Good Faith Performance

If and, to the extent that, Verizon, prior to the Effective Date of this Agreement, has not provided in the State of Maine a service or arrangement offered under this Attachment, Verizon reserves the right to negotiate in good faith with DSLnet reasonable terms and conditions (including, without limitation, rates and implementation timeframes) for such service or arrangement; and, if the Parties cannot agree to such terms and conditions (including, without limitation, rates and implementation timeframes), either Party may utilize the Agreement's dispute resolution procedures.

COLLOCATION ATTACHMENT

Verizon's Provision of Collocation

Verizon shall provide to DSLnet, in accordance with this Agreement (including, but not limited to, Verizon's applicable Tariffs) and the requirements of Applicable Law, Collocation for the purpose of facilitating DSLnet's interconnection with facilities or services of Verizon or access to Unbundled Network Elements of Verizon; provided, that notwithstanding any other provision of this Agreement, Verizon shall be obligated to provide Collocation to DSLnet only to the extent required by Applicable Law and may decline to provide Collocation to DSLnet to the extent that provision of Collocation is not required by Applicable Law. Subject to the foregoing, Verizon shall provide Collocation to DSLnet in accordance with the rates, terms and conditions set forth in Verizon's Collocation tariff, and Verizon shall do so regardless of whether or not such rates, terms and conditions are effective.

911 ATTACHMENT

911/E-911 Arrangements

DSLnet may, at its option, interconnect to the Verizon 911/E-911 Selective Router or 911 Tandem Offices, as appropriate, that serve the areas in which DSLnet provides Telephone Exchange Services, for the provision of 911/E-911 services and for access to all subtending Public Safety Answering Points (PSAP). In such situations, Verizon will provide DSLnet with the appropriate CLLI codes and specifications of the Tandem Office serving area. In areas where E-911 is not available, DSLnet and Verizon will negotiate arrangements to connect DSLnet to the 911 service in accordance with applicable state law.

Path and route diverse Interconnections for 911/E911 shall be made at the technically feasible Point of Interconnection on Verizon's network at which the Parties interconnect, or other points as necessary and mutually agreed, and as required by law or regulation.

Within thirty (30) days of its receipt of a complete and accurate request from DSLnet, to include all required information and applicable forms, and to the extent authorized by the relevant federal, state, and local authorities, Verizon will provide DSLnet, where Verizon offers 911 service, with the following at a reasonable fee, if applicable:

- a file via electronic medium containing the Master Street Address Guide ("MSAG") for each county within the LATA(s) where DSLnet is providing, or represents to Verizon that it intends to provide within sixty (60) days of DSLnet's request, local exchange service, which MSAG shall be updated as the need arises and a complete copy of which shall be made available on an annual basis;**
- a list of the address and CLLI code of each 911/E-911 selective router or 911 Tandem office(s) in the area in which DSLnet plans to offer Telephone Exchange Service;**
- a list of geographical areas, e.g., LATAs, counties or municipalities, with the associated 911 tandems, as applicable.**
- a list of Verizon personnel who currently have responsibility for 911/E-911 requirements, including a list of escalation contacts should the primary contacts be unavailable.**
- any special 911 trunking requirements for each 911/E-911 selective router or 911 Tandem Office, where available, and;**
- prompt return of any DSLnet 911/E-911 data entry files containing errors, so that DSLnet may ensure the accuracy of the Customer records.**

Electronic Interface

DSLnet shall use, where available, the appropriate Verizon electronic interface, through which DSLnet shall input and provide a daily update of 911/E-911 database information related to appropriate DSLnet Customers. In those areas where an electronic interface is not available, DSLnet shall provide Verizon with all appropriate 911/E-911 information such as name, address, and telephone number via facsimile for Verizon's entry into the

911/E-911 database system. Any 911/E-911-related data exchanged between the Parties prior to the availability of an electronic interface shall conform to Verizon standards, whereas 911/E-911-related data exchanged electronically shall conform to the National Emergency Number Association standards (NENA). DSLnet may also use the electronic interface, where available, to query the 911/E-911 database to verify the accuracy of DSLnet Customer information.

911 Interconnection

Verizon and DSLnet will use commercially reasonable efforts to facilitate the prompt, robust, reliable and efficient interconnection of DSLnet systems to the 911/E-911 platforms and/or systems.

911 Facilities

DSLnet shall be responsible for providing facilities from the DSLnet End Office to the 911 Tandem or selective router. DSLnet shall deploy diverse routing of 911 trunk pairs to the 911 tandem or selective router.

Local Number Portability for use with 911

The Parties acknowledge that until Local Number Portability (LNP) with full 911/E-911 compatibility is utilized for all ported telephone numbers, the use of Interim Number Portability ("INP") creates a special need to have the Automatic Location Identification (ALI) screen reflect two numbers: the "old" number and the "new" number assigned by DSLnet. Therefore, for those ported telephone numbers using INP, DSLnet will provide the 911/E-911 database with both the forwarded number and the directory number, as well as all other required information including the appropriate address information for the Customer for entry into the 911/E-911 database system. Further, DSLnet will output the telephone number to which the call has been forwarded (that is, the Customer's ANI) to the 911 Tandem office or selective router. DSLnet will include their NENA five character Company Identification ("COID") for inclusion in the ALI display.

DSLnet is required to enter data into the 911/E-911 database under the NENA Standards for LNP. This includes, but is not limited to, using DSLnet's NENA COID to lock and unlock records and the posting of DSLnet's NENA COID to the ALI record where such locking and migrating feature for 911/E-911 records are available or as defined by local standards.

PSAP Coordination

Verizon and DSLnet will work cooperatively to arrange meetings with PSAPs to answer any technical questions the PSAPs, or county or municipal coordinators may have regarding the 911/E-911 arrangements.

911 Compensation

DSLnet will compensate Verizon for connections to its 911/E-911 platform and/or system pursuant to the rate schedule included in the Pricing Attachment.

911 Rules and Regulations

DSLnet and Verizon will comply with all applicable rules and regulations (including 911 taxes and surcharges as defined by local requirements) pertaining to the provision of 911/E-911 services in the State of Maine.

Good Faith Performance

If and, to the extent that, Verizon, prior to the Effective Date of this Agreement, has not provided in the State of Maine a service or arrangement offered under this Attachment, Verizon reserves the right to negotiate in good faith with DSLnet reasonable terms and conditions (including, without limitation, rates and implementation timeframes) for such service or arrangement; and, if the Parties cannot agree to such terms and conditions (including, without limitation, rates and implementation timeframes), either Party may utilize the Agreement's dispute resolution procedures.

PRICING ATTACHMENT

General

As used in this Attachment, the term "Charges" means the rates, fees, charges and prices for a Service.

Except as stated in Section 0 or Section 0 of this Attachment, Charges for Services shall be as stated in this Section 0.

The Charges for a Service shall be the Charges for the Service stated in the Providing Party's applicable Tariff.

In the absence of Charges for a Service established pursuant to Section 0 of this Attachment, the Charges shall be as stated in Appendix A of this Pricing Attachment. For rate elements provided in Appendix A of this Pricing Attachment that do not include a Charge, either marked as "TBD" or otherwise, Verizon is developing such Charges and has not finished developing such Charges as of the Effective Date of this Agreement ("Effective Date"). When Verizon finishes developing such a Charge, Verizon shall notify DSLnet in writing of such Charge in accordance with, and subject to, the notices provisions of this Agreement and thereafter shall bill DSLnet, and DSLnet shall pay to Verizon, for services provided under this Agreement on the Effective Date and thereafter in accordance with such Charge. Any notice provided by Verizon to DSLnet pursuant to this Section 0 shall be deemed to be a part of Appendix A of this Pricing Attachment immediately after Verizon sends such notice to DSLnet and thereafter.

The Charges stated in Appendix A of this Pricing Attachment shall be automatically superseded by any applicable Tariff Charges. The Charges stated in Appendix A of this Pricing Attachment also shall be automatically superseded by any new Charge(s) when such new Charge(s) are required by any order of the Commission or the FCC, approved by the Commission or the FCC, or otherwise allowed to go into effect by the Commission or the FCC (including, but not limited to, in a Tariff that has been filed with the Commission or the FCC), provided such new Charge(s) are not subject to a stay issued by any court of competent jurisdiction.

In the absence of Charges for a Service established pursuant to Sections 0 through 0 of this Attachment, if Charges for a Service are otherwise expressly provided for in this Agreement, such Charges shall apply.

In the absence of Charges for a Service established pursuant to Sections 0 through 0 of this Attachment, the Charges for the Service shall be the Providing Party's FCC or Commission approved Charges.

In the absence of Charges for a Service established pursuant to Sections 0 through 0 of this Attachment, the Charges for the Service shall be mutually agreed to by the Parties in writing.

Verizon Telecommunications Services Provided to DSLnet for Resale Pursuant to the Resale Attachment

Verizon Telecommunications Services for which Verizon is Required to Provide a Wholesale Discount Pursuant to Section 251(c)(4) of the Act.

The Charges for a Verizon Telecommunications Service purchased by DSLnet for resale for which Verizon is required to provide a wholesale discount pursuant to Section 251(c)(4) of the Act shall be the Retail Price for such Service set forth in Verizon's applicable Tariffs (or, if there is no Tariff Retail Price for such Service, Verizon's Retail Price for the Service that is generally offered to Verizon's Customers), less, to the extent required by Applicable Law: (a) the applicable wholesale discount stated in Verizon's Tariffs for Verizon Telecommunications Services purchased for resale pursuant to Section 251(c)(4) of the Act; or (b) in the absence of an applicable Verizon Tariff wholesale discount for Verizon Telecommunications Services purchased for resale pursuant to Section 251(c)(4) of the Act, the applicable wholesale discount stated in Appendix A for Verizon Telecommunications Services purchased for resale pursuant to Section 251(c)(4) of the Act.

The Charges for a Verizon Telecommunications Service Customer Specific Arrangement ("CSA") purchased by DSLnet for resale pursuant to Section Error! Reference source not found. of the Resale Attachment for which Verizon is required to provide a wholesale discount pursuant to Section 251(c)(4) of the Act shall be the Retail Price for the CSA, less, to the extent required by Applicable Law: (a) the applicable wholesale discount stated in Verizon's Tariffs for Verizon Telecommunications Services purchased for resale pursuant to Section 251(c)(4) of the Act; or (b) in the absence of an applicable Verizon Tariff wholesale discount for Verizon Telecommunications Services purchased for resale pursuant to Section 251(c)(4) of the Act, the applicable discount stated in Appendix A for Verizon Telecommunications Services purchased for resale pursuant to Section 251(c)(4) of the Act. Notwithstanding the foregoing, in accordance with, and to the extent permitted by Applicable Law, Verizon may establish a wholesale discount for a CSA that differs from the wholesale discount that is generally applicable to Telecommunications Services provided to DSLnet for resale pursuant to Section 251(c)(4) of the Act.

Notwithstanding Sections 0 and 0 of this Attachment, in accordance with, and to the extent permitted by Applicable Law, Verizon may at any time establish a wholesale discount for a Telecommunications Service (including, but not limited to, a CSA) that differs from the wholesale discount that is generally applicable to Telecommunications Services provided to DSLnet for resale pursuant to Section 251(c)(4) of the Act.

The wholesale discount stated in Appendix A shall be automatically superseded by any new wholesale discount when such new wholesale discount is required by any order of the Commission or the FCC, approved by the Commission or the FCC, or otherwise allowed to go into effect by the Commission or the FCC, provided such new wholesale discount is not subject to a stay issued by any court of competent jurisdiction.

The wholesale discount provided for in Sections 0 through 0 of this Attachment shall not be applied to:

Short term promotions as defined in 47 CFR § 51.613;

Except as otherwise provided by Applicable Law, Exchange Access services;

Subscriber Line Charges, Federal Line Cost Charges, end user common line Charges, taxes, and government Charges and assessment (including, but not limited to, 9-1-1 Charges and Dual Party Relay Service Charges).

Any other service or Charge that the Commission, the FCC, or other governmental entity of appropriate jurisdiction determines is not subject to a wholesale discount under Section 251(c)(4) of the Act.

Verizon Telecommunications Services for which Verizon is Not Required to Provide a Wholesale Discount Pursuant to Section 251(c)(4) of the Act.

The Charges for a Verizon Telecommunications Service for which Verizon is not required to provide a wholesale discount pursuant to Section 251(c)(4) of the Act shall be the Charges stated in Verizon's Tariffs for such Verizon Telecommunications Service (or, if there are no Verizon Tariff Charges for such Service, Verizon's Charges for the Service that are generally offered by Verizon).

The Charges for a Verizon Telecommunications Service customer specific contract service arrangement ("CSA") purchased by DSLnet pursuant to Section Error! Reference source not found. of the Resale Attachment for which Verizon is not required to provide a wholesale discount pursuant to Section 251(c)(4) of the Act shall be the Charges provided for in the CSA and any other Charges that Verizon could bill the person to whom the CSA was originally provided (including, but not limited to, applicable Verizon Tariff Charges).

Other Charges.

DSLnet shall pay, or collect and remit to Verizon, without discount, all Subscriber Line Charges, Federal Line Cost Charges, and end user common line Charges, associated with Verizon Telecommunications Services provided by Verizon to DSLnet.

DSLnet Prices

Notwithstanding any other provision of this Agreement, the Charges that DSLnet bills Verizon for DSLnet's Services shall not exceed the Charges for Verizon's comparable Services, except to the extent that DSLnet's cost to provide such DSLnet's Services to Verizon exceeds the Charges for Verizon's comparable Services and DSLnet has demonstrated such cost to Verizon, or, at Verizon's request, to the Commission or the FCC.

Section 271

If Verizon is a Bell Operating Company (as defined in the Act) and in order to comply with Section 271(c)(2)(B) of the Act provides a Service under this Agreement that Verizon is not required to provide by Section 251 of the Act, Verizon shall have the right to establish Charges for such Service in a manner that differs from the manner in which under Applicable Law (including, but not limited to, Section 252(d) of the Act) Charges must be set for Services provided under Section 251.

Regulatory Review of Prices

Notwithstanding any other provision of this Agreement, each Party reserves its respective rights to institute an appropriate proceeding with the FCC, the Commission or other governmental body of appropriate jurisdiction: (a) with regard to the Charges for its Services (including, but not limited to, a proceeding to change the Charges for its services, whether provided for in any of its Tariffs, in Appendix A, or otherwise); and (b) with regard to the Charges of the other Party (including, but not limited to, a proceeding to obtain a reduction in such Charges and a refund of any amounts paid in excess of any Charges that are reduced).

APPENDIX A TO THE PRICING ATTACHMENT

I.

VERIZON MAINE AND DSLNET

INTERCONNECTION¹

	Verizon Service	Rate
1.	Rate for Reciprocal Compensation Traffic delivered to a Verizon-IP or to a DSLnet IP	End office: (Day) = \$0.002084 per minute (Eve) = \$0.001756 per minute (Night) = \$0.001680 per minute Tandem Office: (Day) = \$0.012621 per minute (Eve) = \$0.005710 per minute (Night) = \$0.002901 per minute Charged in accordance with Interconnection Attachment.
2.	Access charges for termination of intrastate and interstate Toll Traffic	Per Verizon FCC No. 11 interstate and Maine PUC No. 17 intrastate access tariffs (charged in conjunction with Reciprocal Compensation Traffic, using Traffic Factor 1 and Traffic Factor 2, as appropriate).
3.	Entrance facilities, and transport, as appropriate, for Interconnection at Verizon End Office, Tandem Office, Serving Wire Center, or other Point of Interconnection	Per Verizon FCC No. 11 interstate and Maine PUC 17 intrastate access tariffs for Feature Group D service.

II. Transit Service

a. Tandem Transit Service

Rates: (Day) = \$0.010537 per minute
(Eve) = \$0.003954 per minute
(Night) = \$0.001221 per minute

b. Dedicated Transit Service

Monthly charges

(1) 1.544 Mbps Connection: 2(DS-1 SAC)#
Maine

Per the rates filed in the

PUC Tariff No. 20 as
amended from time to
time.

(2) 45 Mbps Connection: 2(DS-3 SAC)#

Per the rates filed in the
Maine PUC Tariff No.

¹ All rates and charges specified herein are pertaining to the Interconnection Attachment.

20 as amended from
time to time.

#Rate = twice the applicable charge for the appropriate Service Access Charge
("SAC")

<u>Standard Interval</u>	<u>Non-recurring charges</u>
(3) Service Order Charge	\$7.52 (per order)
(4) Service Connection Charge	\$43.39 (per connection)
(5) Service Installation Charge	\$ 9.87 (per connection)
<u>Expedited Interval</u>	<u>Non-recurring charges</u>
(3) Service Order Charge	\$11.15 (per order)
(4) Service Connection Charge	\$60.01 (per connection)
(5) Service Installation Charge	\$13.99 (per connection)

B. UNBUNDLED NETWORK ELEMENTS²

I. Unbundled Database Access³

a. 800/888 Database

Reciprocal Compensation: 800 Database (refer to I above)
(charged to originating Party).

800 Database query: \$0.000973 per query

b. LIDB

Access to Signal Systems and Call Related Databases:

<u>Service or Element Description:</u>	<u>Recurring Charges:</u>	<u>Non-Recurring Charges:</u>
LIDB Access	\$0.001254 Per Transaction/Query	Not Applicable
LIDB Record Management		Not Applicable
Record Charge (During Recovery Period)	\$0.032900 Per Record/Month	Not Applicable
Record Charge (After Recovery Period)	\$0.002300 Per Record/Month	Not Applicable
LIDB Database Load Charge		Not Applicable
<= 10,000 Records	\$37.70 Per Hour	Not Applicable
> 10,000 Records	\$155.37 Per Hour	Not Applicable

² All rates and charges specified herein are pertaining to the Unbundled Network Element Attachment.

³ Verizon's proposed UNEs, UNE combinations, and UNE pricing methodology reflect the FCC's current rules. Verizon does not agree that UNE prices must be based solely on forward-looking costs, and Verizon reserves the right to seek to change its UNE offerings and UNE prices if the FCC's rules are vacated or modified by the FCC or by a final, non-appealable judicial decision.

II. Unbundled Local Loops
(a). Monthly Recurring Charges

(per month)			
2-Wire Analog Voice Grade	\$11.44	\$13.47	\$18.75
4-Wire Analog Voice Grade	\$25.44	\$29.43	\$38.03
2-Wire ISDN Digital Grade (2 Wire Digital Premium Loops)	\$21.81	\$25.73	\$37.72
2 Wire Digital Designed Metallic ULL with ISDN Loop Extension Electronics	\$11.44	\$13.47	\$18.75
4-Wire DS-1-compatible Digital Grade	\$29.62	\$33.30	\$43.37
2 Wire ADSL compatible ULL (up to 12,000 feet)	\$11.44	\$13.47	\$18.75
2 Wire ADSL compatible ULL (up to 12,000 feet) with Bridged Tap removal	\$11.44	\$13.47	\$18.75
2 Wire ADSL compatible ULL (up to 18,000 feet)	\$11.44	\$13.47	\$18.75
2 Wire ADSL compatible ULL (up to 18,000 feet) with Bridged Tap removed	\$11.44	\$13.47	\$18.75
2 Wire Digital Designed Metallic ULL (up to 30,000 Feet) Non-loaded with Bridged Tap options	\$21.81	\$25.73	\$37.72
2-Wire HDSL compatible ULL (up to 12,000 feet)	\$11.44	\$13.47	\$18.75
2 Wire HDSL compatible ULL (up to 12,000 feet) with Bridged Tap Removal	\$11.44	\$13.47	\$18.75
4-Wire HDSL compatible ULL (up to 12,000 feet)	\$29.62	\$33.30	\$43.37
4 Wire HDSL compatible ULL (up to 12,000 feet) with Bridged Tap Removal	\$29.62	\$33.30	\$43.37
2 Wire SDSL compatible ULL	\$11.44	\$13.47	\$18.75
2 Wire SDSL compatible ULL with Bridged Tap removal	\$11.44	\$13.47	\$18.75
2 Wire IDSL compatible ULL (up to 18,000 feet)	\$11.44	\$13.47	\$18.75
2 Wire IDSL compatible ULL (up to 18,000 feet) with Bridged Tap removal	\$11.44	\$13.47	\$18.75
56 KD ULL	\$42.67	\$48.49	\$62.82
1.544 Mbps ULL	\$103.31	\$126.21	\$202.97
44.736 Mbps ULL	\$735.79	\$735.79	\$735.79
44.736 Mbps ULL per ¼ mile or fraction thereof	\$10.99	\$10.99	\$10.99

(2) Service Access Charge: ULL type	(per month)
Voice Grade/DS-0	Per the rates filed in the Maine PUC Tariff No. 20 as amended from time to time.
DS-1	Per the rates filed in the Maine PUC Tariff No. 20 as amended from time to time.

(b) Non-Recurring Charges

(1) Service Order Charge (per order)						
	Standard Interval			Expedite		
ULL Type	1 ULL	2-9 ULL	10+ ULL	1 ULL	2-9 ULL	10+ ULL
2-Wire Analog Voice Grade	\$0.00	\$3.56	\$4.96	\$0.00	\$5.27	\$7.36
4-Wire Analog Voice Grade	\$0.00	\$3.56	\$4.96	\$0.00	\$5.27	\$7.36
2-Wire ISDN Digital Grade (2 Wire Digital Premium Loops)	\$2.13	\$5.69	\$7.09	\$3.16	\$8.43	\$10.51
2 Wire Digital Designed Metallic ULL with ISDN Loop Extension Electronics	\$2.13	\$5.69	\$7.09	\$3.16	\$8.43	\$10.51
4-Wire DS-1-compatible Digital Grade	\$22.55	\$22.55	\$22.55	\$34.84	\$34.84	\$34.84
2 Wire ADSL compatible ULL (up to 12,000 feet)	\$2.13	\$5.69	\$7.09	\$3.16	\$8.43	\$10.51
2 Wire ADSL compatible ULL (up to 12,000 feet) with Bridged Tap removal	\$2.13	\$5.69	\$7.09	\$3.16	\$8.43	\$10.51
2 Wire ADSL compatible ULL (up to 18,000 feet)	\$2.13	\$5.69	\$7.09	\$3.16	\$8.43	\$10.51
2 Wire ADSL compatible ULL (up to 18,000 feet) with Bridged Tap removed	\$2.13	\$5.69	\$7.09	\$3.16	\$8.43	\$10.51
2 Wire Digital Designed Metallic ULL (up to 30,000 Feet) Non-loaded with Bridged Tap options	\$2.13	\$5.69	\$7.09	\$3.16	\$8.43	\$10.51
2-Wire HDSL compatible ULL (up to 12,000 feet)	\$2.13	\$5.69	\$7.09	\$3.16	\$8.43	\$10.51
2 Wire HDSL compatible ULL (up to 12,000 feet) with Bridged Tap Removal	\$2.13	\$5.69	\$7.09	\$3.16	\$8.43	\$10.51
4-Wire HDSL compatible ULL (up to 12,000 feet)	\$22.55	\$22.55	\$22.55	\$34.84	\$34.84	\$34.84
4 Wire HDSL compatible ULL (up to 12,000 feet) with Bridged Tap Removal	\$22.55	\$22.55	\$22.55	\$34.84	\$34.84	\$34.84
2 Wire SDSL compatible ULL	\$2.13	\$5.69	\$7.09	\$3.16	\$8.43	\$10.51
2 Wire SDSL compatible ULL with Bridged Tap removal	\$2.13	\$5.69	\$7.09	\$3.16	\$8.43	\$10.51
2 Wire IDSL compatible ULL (up to 18,000 feet)	\$2.13	\$5.69	\$7.09	\$3.16	\$8.43	\$10.51
2 Wire IDSL compatible ULL (up to 18,000 feet) with Bridged Tap removal	\$2.13	\$5.69	\$7.09	\$3.16	\$8.43	\$10.51
56 KD ULL	\$22.55	\$22.55	\$22.55	\$33.44	\$33.44	\$33.44
1.544 Mbps ULL	\$22.55	\$22.55	\$22.55	\$33.44	\$33.44	\$33.44
44.736 Mbps ULL	\$8.27	\$8.27	\$8.27	\$12.26	\$12.26	\$12.26

(2) Service Connection Charge: (per loop)		
ULL Type	Service Connection: Standard	Service Connection: CO Wiring
2-Wire Analog Voice Grade	\$16.08	\$6.79

4-Wire Analog Voice Grade	\$16.08	\$6.79
2-Wire ISDN Digital Grade (2 Wire Digital Premium Loops)	\$16.08	\$6.79
2 Wire Digital Designed Metallic ULL with ISDN Loop Extension Electronics	\$16.08	\$6.79
4-Wire DS-1-compatible Digital Grade	\$43.24	\$13.95
2 Wire ADSL compatible ULL (up to 12,000 feet)	\$16.08	\$6.79
2 Wire ADSL compatible ULL (up to 12,000 feet) with Bridged Tap removal	\$16.08	\$6.79
2 Wire ADSL compatible ULL (up to 18,000 feet)	\$16.08	\$6.79
2 Wire ADSL compatible ULL (up to 18,000 feet) with Bridged Tap removed	\$16.08	\$6.79
2 Wire Digital Designed Metallic ULL (up to 30,000 Feet) Non-loaded with Bridged Tap options	\$16.08	\$6.79
2-Wire HDSL compatible ULL (up to 12,000 feet)	\$16.08	\$6.79
2 Wire HDSL compatible ULL (up to 12,000 feet) with Bridged Tap Removal	\$16.08	\$6.79
4-Wire HDSL compatible ULL (up to 12,000 feet)	\$43.24	\$13.95
4 Wire HDSL compatible ULL (up to 12,000 feet) with Bridged Tap Removal	\$43.24	\$13.95
2 Wire SDSL compatible ULL	\$16.08	\$6.79
2 Wire SDSL compatible ULL with Bridged Tap removal	\$16.08	\$6.79
2 Wire IDSL compatible ULL (up to 18,000 feet)	\$16.08	\$6.79
2 Wire IDSL compatible ULL (up to 18,000 feet) with Bridged Tap removal	\$16.08	\$6.79
56 KD ULL	\$43.24	\$13.95
1.544 Mbps ULL	\$43.24	\$13.95
44.736 Mbps ULL	\$69.45	\$105.43
44.736 Mbps ULL - Expedite	\$79.10	\$149.42

(3) Installation Dispatch (per dispatch)				
Installation Dispatch (per dispatch)				TC Not Ready
ULL Type	1 ULL	2-9 ULL	10+ ULL	(per occasion)
2-Wire Analog Voice Grade	\$25.88	\$28.82	\$31.30	\$27.08
4-Wire Analog Voice Grade	\$25.88	\$28.82	\$31.30	\$27.08
2-Wire ISDN Digital Grade (2 Wire Digital Premium Loops)	\$25.88	\$28.82	\$31.30	\$27.08

2 Wire Digital Designed Metallic ULL with ISDN Loop Extension Electronics	\$25.88	\$28.82	\$31.30	\$27.08
4-Wire DS-1-compatible Digital Grade	\$31.45	\$31.45	\$31.45	\$27.08
2 Wire ADSL compatible ULL (up to 12,000 feet)	\$25.88	\$28.82	\$31.30	\$27.08
2 Wire ADSL compatible ULL (up to 12,000 feet) with Bridged Tap removal	\$25.88	\$28.82	\$31.30	\$27.08
2 Wire ADSL compatible ULL (up to 18,000 feet)	\$25.88	\$28.82	\$31.30	\$27.08
2 Wire ADSL compatible ULL (up to 18,000 feet) with Bridged Tap removed	\$25.88	\$28.82	\$31.30	\$27.08
2 Wire Digital Designed Metallic ULL (up to 30,000 Feet) Non-loaded with Bridged Tap options	\$25.88	\$28.82	\$31.30	\$27.08
2-Wire HDSL compatible ULL (up to 12,000 feet)	\$25.88	\$28.82	\$31.30	\$27.08
2 Wire HDSL compatible ULL (up to 12,000 feet) with Bridged Tap Removal	\$25.88	\$28.82	\$31.30	\$27.08
4-Wire HDSL compatible ULL (up to 12,000 feet)	\$31.45	\$31.45	\$31.45	\$27.08
4 Wire HDSL compatible ULL (up to 12,000 feet) with Bridged Tap Removal	\$31.45	\$31.45	\$31.45	\$27.08
2 Wire SDSL compatible ULL	\$25.88	\$28.82	\$31.30	\$27.08
2 Wire SDSL compatible ULL with Bridged Tap removal	\$25.88	\$28.82	\$31.30	\$27.08
2 Wire IDSL compatible ULL (up to 18,000 feet)	\$25.88	\$28.82	\$31.30	\$27.08
2 Wire IDSL compatible ULL (up to 18,000 feet) with Bridged Tap removal	\$25.88	\$28.82	\$31.30	\$27.08
56 KD ULL	\$31.45	\$31.45	\$31.45	\$27.08
1.544 Mbps ULL	\$31.45	\$31.45	\$31.45	\$27.08
44.736 Mbps ULL	\$31.45	\$31.45	\$31.45	\$27.08

(4) Manual Intervention Surcharge (where mechanized interface available but not used)						
Standard Interval	Service Order (per order)			Svc Connection Chg (per ULL)		
ULL Type	1 ULL	2-9 ULL	10+ ULL	1 ULL	2-9 ULL	10+ ULL
2-Wire Analog Voice Grade	\$12.22	\$23.92	\$109.17	\$4.19	\$4.19	\$4.19
4-Wire Analog Voice Grade	\$12.22	\$23.92	\$109.17	\$4.19	\$4.19	\$4.19
2-Wire ISDN Digital Grade (2 Wire Digital Premium Loops)	\$12.22	\$23.92	\$109.17	\$4.19	\$4.19	\$4.19
2 Wire Digital Designed Metallic ULL with ISDN Loop Extension Electronics	\$12.22	\$23.92	\$109.17	\$4.19	\$4.19	\$4.19
4-Wire DS-1-compatible Digital Grade	\$2.40	\$2.40	\$2.40	\$0.00	\$0.00	\$0.00
2 Wire ADSL compatible ULL (up to 12,000 feet)	\$12.22	\$23.92	\$109.17	\$4.19	\$4.19	\$4.19
2 Wire ADSL compatible ULL (up to 12,000 feet) with Bridged Tap removal	\$12.22	\$23.92	\$109.17	\$4.19	\$4.19	\$4.19
2 Wire ADSL compatible ULL (up to 18,000 feet)	\$12.22	\$23.92	\$109.17	\$4.19	\$4.19	\$4.19
2 Wire ADSL compatible ULL (up to 18,000 feet) with Bridged Tap removed	\$12.22	\$23.92	\$109.17	\$4.19	\$4.19	\$4.19
2 Wire Digital Designed Metallic ULL (up to 30,000 Feet) Non-loaded with Bridged Tap options	\$12.22	\$23.92	\$109.17	\$4.19	\$4.19	\$4.19
2-Wire HDSL compatible ULL (up to 12,000 feet)	\$12.22	\$23.92	\$109.17	\$4.19	\$4.19	\$4.19
2 Wire HDSL compatible ULL (up to 12,000 feet) with Bridged Tap Removal	\$12.22	\$23.92	\$109.17	\$4.19	\$4.19	\$4.19
4-Wire HDSL compatible ULL (up to 12,000 feet)	\$2.40	\$2.40	\$2.40	\$0.00	\$0.00	\$0.00
4 Wire HDSL compatible ULL (up to 12,000 feet) with Bridged Tap Removal	\$2.40	\$2.40	\$2.40	\$0.00	\$0.00	\$0.00
2 Wire SDSL compatible ULL	\$12.22	\$23.92	\$109.17	\$4.19	\$4.19	\$4.19
2 Wire SDSL compatible ULL with Bridged Tap removal	\$12.22	\$23.92	\$109.17	\$4.19	\$4.19	\$4.19
2 Wire IDSL compatible ULL (up to 18,000 feet)	\$12.22	\$23.92	\$109.17	\$4.19	\$4.19	\$4.19
2 Wire IDSL compatible ULL (up to 18,000 feet) with Bridged Tap removal	\$12.22	\$23.92	\$109.17	\$4.19	\$4.19	\$4.19
56 KD ULL	\$2.40	\$2.40	\$2.40	\$0.00	\$0.00	\$0.00
1.544 Mbps ULL	\$2.40	\$2.40	\$2.40	\$0.00	\$0.00	\$0.00

Expedited Interval -- MANUAL	Service Order (per order)			Svc Connection Chg (per ULL)		
ULL Type	1 ULL	2-9 ULL	10+ ULL	1 ULL	2-9 ULL	10+ ULL
2-Wire Analog Voice Grade	\$18.12	\$35.46	\$161.87	\$4.19	\$4.19	\$4.19
4-Wire Analog Voice Grade	\$18.12	\$35.46	\$161.87	\$4.19	\$4.19	\$4.19
2-Wire ISDN Digital Grade (2 Wire Digital Premium Loops)	\$18.12	\$35.46	\$161.87	\$4.19	\$4.19	\$4.19
2 Wire Digital Designed Metallic ULL with ISDN Loop Extension Electronics	\$18.12	\$35.46	\$161.87	\$4.19	\$4.19	\$4.19
4-Wire DS -1-compatible Digital Grade	\$3.57	\$3.57	\$3.57	\$0.00	\$0.00	\$0.00
2 Wire ADSL compatible ULL (up to 12,000 feet)	\$18.12	\$35.46	\$161.87	\$4.19	\$4.19	\$4.19
2 Wire ADSL compatible ULL (up to 12,000 feet) with Bridged Tap removal	\$18.12	\$35.46	\$161.87	\$4.19	\$4.19	\$4.19
2 Wire ADSL compatible ULL (up to 18,000 feet)	\$18.12	\$35.46	\$161.87	\$4.19	\$4.19	\$4.19
2 Wire ADSL compatible ULL (up to 18,000 feet) with Bridged Tap removed	\$18.12	\$35.46	\$161.87	\$4.19	\$4.19	\$4.19
2 Wire Digital Designed Metallic ULL (up to 30,000 Feet) Non-loaded with Bridged Tap options	\$18.12	\$35.46	\$161.87	\$4.19	\$4.19	\$4.19
2-Wire HDSL compatible ULL (up to 12,000 feet)	\$18.12	\$35.46	\$161.87	\$4.19	\$4.19	\$4.19
2 Wire HDSL compatible ULL (up to 12,000 feet) with Bridged Tap Removal	\$18.12	\$35.46	\$161.87	\$4.19	\$4.19	\$4.19
4-Wire HDSL compatible ULL (up to 12,000 feet)	\$3.57	\$3.57	\$3.57	\$0.00	\$0.00	\$0.00
4 Wire HDSL compatible ULL (up to 12,000 feet) with Bridged Tap Removal	\$3.57	\$3.57	\$3.57	\$0.00	\$0.00	\$0.00
2 Wire SDSL compatible ULL	\$18.12	\$35.46	\$161.87	\$4.19	\$4.19	\$4.19
2 Wire SDSL compatible ULL with Bridged Tap removal	\$18.12	\$35.46	\$161.87	\$4.19	\$4.19	\$4.19
2 Wire IDSL compatible ULL (up to 18,000 feet)	\$18.12	\$35.46	\$161.87	\$4.19	\$4.19	\$4.19
2 Wire IDSL compatible ULL (up to 18,000 feet) with Bridged Tap removal	\$18.12	\$35.46	\$161.87	\$4.19	\$4.19	
56 KD ULL	\$3.57	\$3.57	\$3.57	\$0.00	\$0.00	\$0.00
1.544 Mbps ULL	\$3.57	\$3.57	\$3.57	\$0.00	\$0.00	\$0.00

(5) Misdirected Trouble Dispatches (charge per occasion)

- (a) Dispatch IN (to Central Office) \$26.43
- (b) Dispatch OUT (to Customer Premise) \$51.83

(c) Digital Loops and Digital Designed Loops (Conditioning)

<u>Service or Element Description:</u>	<u>Recurring Charges:</u>	<u>Non-Recurring Charges:</u>
Standard Digital Loops	All: \$0.62/ Mechanized Loop Qualification/ Loop	All: \$40.40/ Manual Loop Qualification/ Loop
2 Wire ADSL compatible ULL (up to 12,000)	See Sections B.II. (a) and (b)	See Sections B.II. (a) and (b)
2 Wire ADSL compatible ULL (12,000 up to 18,000 feet)	See Sections B.II. (a) and (b)	See Sections B.II. (a) and (b)
2 Wire HDSL compatible ULL (up to 12,000 feet)	See Sections B.II. (a) and (b)	See Sections B.II. (a) and (b)
4 Wire HDSL compatible ULL (up to 12,000 feet)	See Sections B.II. (a) and (b)	See Sections B.II. (a) and (b)
2 Wire SDSL compatible ULL	See Sections B.II. (a) and (b)	See Sections B.II. (a) and (b)
2 Wire IDSL compatible ULL (up to 18,000 feet)	See Sections B.II. (a) and (b)	See Sections B.II. (a) and (b)
Digital Designed Loops		
2 Wire ADSL compatible ULL (up to 12,000 feet) with Bridged Tap removal	See Sections B.II. (a) and (b)	See Sections B.II. (a) and (b)
		\$77.00 Removal of one Bridged Tap per Request
		\$105.77 Expedited Removal of one Bridged Tap per Request
		\$186.07 Removal of Multiple Bridged Taps per Loop per Request
		\$255.57 Expedited Removal of Multiple Bridged Taps per Loop per Request
		\$52.68 Engineering Query
		\$240.59 Engineering Work Order Charge
		\$339.66 Expedited Engineering Work Order Charge
2 Wire ADSL compatible ULL (up to 18,000 feet) with Bridged Tap removal	See Sections B.II. (a) and (b)	See Sections B.II. (a) and (b)
		\$77.00 Removal of one Bridged Tap per Request
		\$105.77 Expedited Removal of one Bridged Tap per Request

<u>Service or Element Description:</u>	<u>Recurring Charges:</u>	<u>Non-Recurring Charges:</u>
		\$186.07 Removal of Multiple Bridged Taps per Loop per Request
		\$255.57 Expedited Removal of Multiple Bridged Taps per Loop per Request
		\$52.68 Engineering Query
		\$240.59 Engineering Work Order Charge
		\$339.66 Expedited Engineering Work Order Charge
2 Wire Digital Designed Metallic ULL (up to 30,000 Feet) Non-loaded with Bridged Tap options	See Sections B.II. (a) and (b)	See Sections B.II. (a) and (b)
		\$248.14 Required Removal of Load Coils (up to 21,000 feet)
		\$340.81 Expedited Required Removal of Load Coils (up to 21,000 feet)
		\$329.39 Required Removal of Load Coils (up to 27,000 feet)
		\$77.00 Removal of one Bridged Tap per Request
		\$105.77 Expedited Removal of one Bridged Tap per Request
		\$186.07 Removal of Multiple Bridged Taps per Loop per Request
		\$255.57 Expedited Removal of Multiple Bridged Taps per Loop per Request
		\$52.68 Engineering Query
		\$240.59 Expedited Engineering Work Order Charge
		\$339.66 Expedited Engineering Work Order Charge
2 Wire Digital Designed Metallic ULL with ISDN Loop Extension Electronics	See Sections B.II. (a) and (b)	See Sections B.II. (a) and (b)
		\$248.14 Required Removal of Load Coils (up to 21,000 feet)

<u>Service or Element Description:</u>	<u>Recurring Charges:</u>	<u>Non-Recurring Charges:</u>
		\$340.81 Expedited Required Removal of Load Coils (up to 21,000 feet)
		\$329.39 Required Removal of Load Coils (up to 27,000 feet)
		\$302.25 Addition of Range Electronics
		\$304.81 Addition of Range Electronics
		\$52.68 Engineering Query
		\$240.59 Engineering Work Order Charge
		\$339.66 Expedited Engineering Work Order Charge
2 Wire HDSL compatible ULL (up to 12,000 feet) with Bridged Tap removal	See Sections B.II. (a) and (b)	See Sections B.II. (a) and (b)
		\$77.00 Removal of one Bridged Tap per Request
		\$105.77 Expedited Removal of one Bridged Tap per Request
		\$186.07 Removal of Multiple Bridged Taps per Loop per Request
		\$255.57 Expedited Removal of Multiple Bridged Taps per Loop per Request
		\$52.68 Engineering Query
		\$240.59 Engineering Work Order Charge
		\$339.66 Expedited Engineering Work Order Charge
4 Wire HDSL compatible ULL (up to 12,000 feet) with Bridged Tap removal	See Sections B.II. (a) and (b)	See Sections B.II. (a) and (b)
		\$77.00 Removal of one Bridged Tap per Request
		\$105.77 Expedited Removal of one Bridged Tap per Request
		\$186.07 Removal of Multiple Bridged Taps per Loop per Request

<u>Service or Element Description:</u>	<u>Recurring Charges:</u>	<u>Non-Recurring Charges:</u>
		\$255.57 Expedited Removal of Multiple Bridged Taps per Loop per Request
		\$52.68 Engineering Query
		\$240.59 Engineering Work Order Charge
		\$339.66 Expedited Engineering Work Order Charge
2 Wire SDSL compatible ULL with Bridged Tap removal	See Sections B.II. (a) and (b)	See Sections B.II. (a) and (b)
		\$77.00 Removal of one Bridged Tap per Request
		\$105.77 Expedited Removal of one Bridged Tap per Request
		\$186.07 Removal of Multiple Bridged Taps per Loop per Request
		\$255.57 Expedited Removal of Multiple Bridged Taps per Loop per Request
		\$52.68 Engineering Query
		\$240.59 Engineering Work Order Charge
		\$339.66 Expedited Engineering Work Order Charge
2 Wire IDSL compatible ULL (up to 18,000 feet) with Bridged Tap removal	See Sections B.II. (a) and (b)	See Sections B.II. (a) and (b)
		\$77.00 Removal of one Bridged Tap per Request
		\$105.77 Expedited Removal of one Bridged Tap per Request
		\$186.07 Removal of Multiple Bridged Taps per Loop per Request
		\$255.57 Expedited Removal of Multiple Bridged Taps per Loop per Request
		\$52.68 Engineering Query

<u>Service or Element Description:</u>	<u>Recurring Charges:</u>	<u>Non-Recurring Charges:</u>
		\$240.59
		Engineering Work Order Charge
		\$339.66 Expedited Engineering Work Order Charge
Cooperative Testing		\$11.81 Expedited: \$15.67

III. Unbundled IOF

(a) Monthly Recurring Charges

(1) Dedicated Transport:		
Facility (per month)	Interoffice Mileage FIXED	Interoffice Mileage / MILE
DS-1	\$80.35	\$0.39
DS-3	\$615.93	\$10.77
STS-1	\$576.35	\$10.77
OC-3	\$1,132.64	\$32.31
OC-12	\$2,781.86	\$129.23

(2) Service Access Charge: IOF	(per month)
DS-1	Per the rates filed in the Maine PUC Tariff No. 20 as amended from time to time.
DS-3	
OC-3	
OC-12	

(3) Unbundled Multiplexing		
DS-1 to DS-0 (1/0 Mux)	(per mux/per month)	\$288.94
DS-3 to DS-1 (3/1 Mux)	(per mux/per month)	\$159.00

(b) Non-Recurring Charges

Standard Interval	DS-1	DS-3	STS-1	OC-3	OC-12
(1) Service Order (per order)	\$8.27	\$8.27	\$8.27	\$8.27	\$8.27
(2) Manual Intervention Surcharge (per order)	\$7.52	\$7.52	\$7.52	\$7.52	\$7.52
(3) Service Connection: Provisioning (per facility)	\$69.45	\$69.45	\$69.45	\$69.45	\$77.95
(4) Service Connection: Installation (per facility)	\$47.67	\$105.43	\$105.43	\$105.43	\$132.24

Expedited Interval	DS-1	DS-3	STS-1	OC-3	OC-12
(1) Service Order (per order)	\$12.26	\$12.26	\$12.26	\$12.26	\$12.26
(2) Manual Intervention Surcharge (per order)	\$11.15	\$11.15	\$11.15	\$11.15	\$11.15
(3) Service Connection: Provisioning (per facility)	\$79.10	\$79.10	\$79.10	\$79.10	\$91.02
(4) Service Connection: CO Wiring (per facility)	\$67.56	\$79.10	\$79.10	\$79.10	\$187.40

IV. Unbundled Common Channel Signaling and Call-Related Database Access

Rate Element	UNIT	RATE
TC Switched Service-Optional Features		
<u>SS7 Signaling Modifications</u>		
Re-Home D-Link	Per Pair	\$65.80
A-Link to D-Link Conversion	Per Pair	\$49.35
Change in Hub Providers	Per Pair	\$32.90
NPA/NXX Input Charge	Per 10 Codes	\$8.23
<u>Common Channel Signaling</u>		
STP Port	Port/Month	\$1068.63
Service Access Charge	Port/Month	\$0.60
Signaling Usage Rate	Per Message	\$0.000195
Assumed Usage	Port/month	\$0.200000
Service Order Charge	Per Request	\$22.55
STP Order Processing Charge	Per Request	\$288.67
Installation Charge	Per Pair	\$33.62
<u>STP Translation Charges: A-Links</u>		
Basic ISUP	Per STP Pair	\$49.35
ISUP + TCAP	Per STP Pair	\$65.80
800 DB Queries	Per STP Pair	\$32.90
LIDB Queries	Per STP Pair	\$32.90
Class Features	Per STP Pair	\$32.90
NPA/Nxx Input Charge	Per 10 Codes	\$8.23
Calling Name	Per STP Pair	\$32.90
AIN Queries (Verizon)	Per STP Pair	\$32.90
TC to TC (Telephone Carrier)	Per STP Pair	\$49.35
<u>STP Translation Charges: D-Links</u>		
Basic ISUP	Per STP Pair	\$82.25
ISUP + TCAP	Per STP Pair	\$115.15
800 DB Queries	Per STP Pair	\$32.90
LIDB Queries	Per STP Pair	\$32.90
Class Features	Per STP Pair	\$32.90
NPA/Nxx Input Charge	Per 10 Codes	\$8.23
Calling Name	Per STP Pair	\$32.90
AIN Queries (Verizon)	Per STP Pair	\$49.35
TC to TC (Telephone Carrier)	Per STP Pair	\$49.35
Subsequent STP Translations	TC Orig. Pt.	\$16.45
End Office Translations	TC Orig. Pt.	\$2.80
<u>Testing Set-Up</u>	<u>Per TC Switch & TELCO STP Pair</u>	
MTP: Levels 2 & 3		\$182.87
ISUP		\$182.87
800 DB Queries		\$22.86

Rate Element	UNIT	RATE
LIDB Queries		\$22.86
Class Features		\$22.86
Calling Name		\$22.86
Testing	Per TC Switch & TELCO STP Pair	
MTP: Levels 2 & 3		\$242.98
ISUP		\$364.48
800 DB Queries		\$30.37
LIDB Queries		\$15.19
Class Features		\$15.19
Calling Name		\$15.19

Service Management System

Rate Element	UNIT	RATE
Development Charges		
Service Establishment (NRC)		ICB
Service Creation Access Port	Port/month	ICB
Service Creation Usage		
Remote Access	Per day	ICB
On-Premise Access	Per day	ICB
Certification & Testing	Per hour (rounded to 1/4 hr.)	ICB
Help Desk Support	Per hour (rounded to 1/4 hr.)	ICB
AIN ISCP Record Provisioning	Per 15 min.	ICB
Deployment Charges		
AIN ISCP & Record Charge	Per line/month	ICB
AIN ISCP Query & Resp. Message Charge	Per ACU/Query	ICB
Trigger Charge	Per Query	ICB
SS7 & Transport for AIN Message	Per Query	ICB

V. Unbundled Local Switching

(a) Monthly Recurring Charges

Dedicated Local Switch Ports	Urban	Suburban	Rural
(per month)			
(1) Local Switching Analog Port	\$0.94	\$0.94	\$0.94
(2) Local Switching Integrated DLC Port (TR-08) per interface group (consisting of 4 DS1 ports)	\$127.43	\$123.96	\$180.60
(3) Local Switching DS1 DID/DOD/PBX Port Per DS1 trunk port	\$88.63	\$93.37	\$103.66
(4) Local Switching ISDN-BRI Port	\$11.48	\$12.78	\$12.78
(5) Local Switching ISDN-PRI Port	\$197.90	\$216.95	\$218.00
(6) Local Switching Digital Trunk Port per DS1	\$167.04	\$162.48	\$176.40
(7) Public Access Line Port	\$0.94	\$0.94	\$0.94
(8) Coin Telephone Port	\$1.24	\$1.24	\$1.24
(9) SMDI II Port - Statewide	\$31.56	\$31.56	\$31.56

Dedicated DS1 End office Trunk Port - Monthly per Port	\$102.05
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Local Switching Port Additives (Features)	Urban	Suburban	Rural
(per month)			
(1) Centrex Intercom Dialing	\$0.00	\$0.00	\$0.00
(2) Custom Ringing	\$0.00	\$0.00	\$0.00
(3) Three-Way Calling	\$0.00	\$0.00	\$0.00
(4) Speed Dialing	\$0.00	\$0.00	\$0.00
(5) Call Waiting	\$0.00	\$0.00	\$0.00
(6) Call Forwarding – Don't Answer	\$0.00	\$0.00	\$0.00
(7) Call Forwarding – Busy	\$0.00	\$0.00	\$0.00
(8) Call Forwarding – Variable	\$0.00	\$0.00	\$0.00
(9) Remote Call Forwarding	\$0.00	\$0.00	\$0.00

Local Switching Usage	Statewide
(1) Unbundled Shared Trunk Port (per MOU)	Day \$0.000404
	(Eve)\$0.000076
	(Night)\$0.000000
(2) Unbundled Local Switching (all hours of day) (per MOU)	\$0.0016800
(3) Unbundled Telephone Company Reciprocal Compensation Charge (UNRCC) (per MOU)	(Day) \$0.002084
	(Eve) \$.001756
	(Night) \$0.001680
(4) Unbundled TC Reciprocal Compensation (UCRCC)	(Day) \$0.002084
	(Eve) \$0.001756
	(Night) \$0.001680
(5)CLEC Reciprocal Comp - Meet Point B Tandem	(Day) \$0.012621
	(Eve). \$0.005710
	(Night) \$0.002901

Shared Interoffice Trunking and Tandem Resources		
(per minute of use)		
Unbundled Shared Tandem Transport Charge (UTTC)	(Day)	\$0.001094
	(Eve)	\$0.000322
	(Night)	\$0.000000
Unbundled Local Common Transport Charge (ULCTC)	(Day)	\$0.001498
	(Eve)	\$0.000398
	(Night)	\$0.000000
Unbundled Toll Common Transport Charge (UTCTC)	(Day)	\$0.003605
	(Eve)	\$0.001189
	(Night)	\$0.000244

Unbundled Tandem Transit Switching Charge (TTSC)	(Day) \$0.009443 (Eve) \$0.003632 (Night) \$0.01221
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Service Access Charge: Switching	(per month)
Voice Grade/DS -0	Per the rates filed in the Maine PUC Tariff No. 20 as amended from time to time.
DS-1	
DS-3	

(b) Non-Recurring Charges

End Office Trunk Ports	Standard Interval	Expedited Interval
(1) Service Order (per order)	\$0.00	\$0.00
(2) Manual Intervention Surcharge (per order)	\$7.52	\$11.15
Service Connection - Provisioning (per port)	\$49.74	\$65.94
(4) Installation -CO wiring (per port)	\$5.25	\$7.44

SMDI II Ports	Standard Interval
Service Connection-Other	\$69.45
Service Connection-CO wiring	\$35.93

End Office Line Ports	Standard Interval
(1) Service Order (per order)	\$5.21
(2) Manual Intervention Surcharge (per order)	\$7.52
(3) Service Connection - Other (per port) (BRI and Analog Ports)	\$5.21
(4) Service Connection-Other(per port) (for DS1 DID/DOD/PBX Port, PRI)	\$49.74
(5) Installation (CO wiring) (per port) (BRI and Analog Ports),	\$3.45
(6) Installation (CO wiring) (per port) (DS1 DID/DOD/PBX Port, PRI)	\$5.25
(7) Integrated DLC ports are priced on an Individual Case Basis	ICB

Integrated DLC ports are priced on an Individual Case Basis

Switching Feature Activation	Standard Interval
(1) Call Forwarding – Busy	\$0.33
(2) Call Forwarding – Don't Answer	\$0.33
(3) Call Forwarding – Variable	\$0.33
(4) Call Waiting	\$0.33
(5) Centrex Intercom Dialing	\$0.33
(6) Custom Ringing	\$0.33
(7) Speed Calling	\$0.33
(8) Three Way Calling	\$0.33
(9) Subsequent addition/change	\$0.33

Miscellaneous Switching Charges	Standard Interval
(1) Network Design Request (per hour)	\$0.00
(2) Line Port Traffic Study Set-Up (per study)	\$22.89
(3) Line Port Traffic Study (per week)	\$15.61
(4) Channel activation - subsequent	\$5.21
(5) TC not ready	\$27.08

VI. Unbundled Tandem Switching

(a) Monthly Recurring Charges

Dedicated Tandem Switch/TOPS Ports	Statewide
(per month)	
(1) Tandem Switching/TOPS Dedicated Trunk Port	\$290.32

Tandem Switching Usage	Day
(per minute of use)	
(1) Tandem Trunk Port (Day)	\$0.004111
(2) Tandem Trunk Port (Eve)	\$0.001205
(3) Tandem Trunk Port (Night)	\$0.000000
(4) Tandem Usage (All hours of the Day)	\$0.001221

(b) Non-Recurring Charges

Tandem Office Trunk Ports	Standard Interval	Expedited Interval
(1) Service Order (per port)	\$0	\$0
(2) Manual Intervention Surcharge (per port)	\$7.52	\$11.15
(3) Service Connection - Provisioning (per order)	\$56.89	\$75.02
(4) Service Connection -CO wiring (per port)	\$5.25	\$7.44
TOPS Trunk Ports	Standard Interval	Expedited Interval
(1) Service Order (per port)	\$0	\$0
(2) Manual Intervention Surcharge (per port)	\$7.52	\$11.15
(3) Service Connection - Provisioning (per order)	\$69.45	\$69.45
(4) Service Connection -CO wiring (per port)	\$5.25	\$7.44

VII. Intrastate Collocation

The rates for Intrastate Collocation are based upon the rates set forth in Maine PUC Tariff No. 20, as amended from time to time.

VIII. Line Sharing

Rate Element	\$ Amount	Mo.	NRC	* Option A ⁴	* Option C VERIZON installs	* Option C CLEC vendor installs
Application Fee - Augment	\$1500		X	Not applicable unless adding line- sharing terminations	(1)	(1)
Engineering & Implementation Fee -Additional Cabling	\$2323.41		X	Not applicable unless adding line- sharing terminations	(1)	(1)
Splitter Installation Cost	\$1215.00		X	Not applicable	(1)	
POT VERIZON/Splitter Termination, 2 Wire VG	\$0.07	X		(2) SAC ⁵ s	(2) SACs	(2) SACs

*Both Option A and Option C assume there is an existing Collocation Arrangement.

(1) = one required

(2) = two required

⁴ Option A: A CLEC-provided splitter shall be provided, installed and maintained by the CLEC in their own Collocation space. Rearrangements are the responsibility of the CLEC. Verizon dial tone is routed through the splitter in the CLEC Collocation area.

Option C: Verizon will install, inventory and maintain CLEC provided splitter in Verizon space within the Serving Central Office of the lines being provided. Verizon will have control of the splitter and will direct any required activity.

⁵ Service Access Charge (SAC) is the same as Interconnection Access Charge or a cross connect.

Rate Element	\$ Amount	Mo.	NRC	* Option A	Option C VERIZON installs	* Option C CLEC vendor installs
SAC Cable & Frame Termination, 2Wire VG	\$0.17	X		(2) SACs	(2) SACs	(2) SACs
**Verizon/Splitter Support– Per Shelf	\$0.00	X			(1)	(1)
Maintenance of Splitter Equipment per splitter	\$19.25/ Option A \$20.00/Option C	X		(1)	(1)	(1)
WideBand Test Access per line	\$1.62	X		(1)	(1)	(1)

** Although this rate assumes that each relay rack contains 14 splitter shelves, the rate applies only to the shelves that CLEC actually uses in a given relay rack.

Rate Element	\$ Amount	Mo.	NRC	* Option A	Option C VERIZON installs	* Option C CLEC vendor installs
Service Order 1 Link & 2-9 Links Expedited	\$7.52/Order \$11.15/Order \$12.48		X	(1)	(1)	(1)
10+ Links Expedited	\$18.50					
Central Office Wiring Initial	\$41.53		X	(1)	(1)	(1)
Central Office Wiring Additional	\$20.66		X	(1)	(1)	(1)
Provisioning	\$0.27		X	(1)	(1)	(1)
Field Installation Dispatch	\$121.35		X	(1)	(1)	(1)
Manual Intervention Surcharge			X	(1)	(1)	(1)
1 Link Expedited	\$7.37/Order \$10.92/Order					
2-9 Links Expedited	\$21.65/Order \$32.11/Order					
10+ Links Expedited	\$119.08/Order \$176.58/Order					
TC Not Ready	\$27.08		X	(1)	(1)	(1)
Loop Qualification Data Base per link	\$0.62	X		(1)	(1)	(1)
Manual Loop Qualification	\$40.40		X	(1)	(1)	(1)
Engineering Query	\$52.68		X	(1)	(1)	(1)
Engineering Work Order	\$240.59		X	(1)	(1)	(1)
OSS Charges	\$0.00					
Unbundled Loop	\$0.00	X				
Conditioning charges	Per interim state specific conditioning rates		X			
Trouble Dispatch Misdirects Dispatch In	\$26.43		X	(1)	(1)	(1)
Dispatch Out	\$51.83		X			

IX. Line Splitting

Per Section IX above (Line Sharing) and Section XI. below (UNE-P).

X. UNE Remand Items

(a) Recurring Charges

Service or Element Description:	Recurring Charges
Stand-alone NID – 2 Wire - NID-to-NID	\$0.91
Stand-alone NID – 4 Wire - NID-to-NID	\$1.11
Stand-alone NID – DS1 (with smart jack)	\$6.63
NID – 2 Wire per NID/month	\$0.72
NID – 4 Wire per NID/month	\$0.86
NID - Shared NID (multiple loops in a single NID)	\$6.63
TC not ready - per occasion	\$27.08
Time: first 30 minutes	\$38.26
Subsequent 30 minutes (period or part)	\$9.59

Service or Element Description:	Recurring Charges
SWITCH/PLATFORM	
Centrex Platform Features	
CTX Intercom	\$2.5758
CTX Announcement	\$2.0774
3-Way Conference (CTX)	\$0.3419
Automatic Callback	\$0.7965
Distinctive Ring	\$0.0365
Loudspeaker Paging	\$13.0290
Meet-Me Conference (DMS only)	\$1.0132
Selective Call Acceptance	\$0.0893
Selective Call Forwarding	\$0.0248
Selective Call Rejection	\$0.3015
Six Way Conference	\$1.9619
Music - on - Hold	TBD
Station Message Detail Record to Premise- CTX (DMS only)	\$52.0557

UNE-P Combinations	
All monthly rates and usage charges associated with the individual network elements included in the UNE-P arrangements apply in accordance with rate regulations established for those elements.	

Service or Element Description:	Recurring Charges		
EEL Combinations The recurring rate for EEL Combinations are equal to the recurring and nonrecurring rates for the individual unbundled loops, unbundled dedicated transport, and multiplexing that comprise the EEL arrangement. In addition, a monthly recurring EEL Test Charge applies per EEL loop. Also, EEL VG/DS0 transport charges, if applicable, apply on a monthly recurring basis and are listed below.			
EEL Test Charges	Urban	Suburban	Rural
2 Wire Analog Loop (Basic Link)	\$0.12	\$0.14	\$0.19
2 Wire Digital Loop (ISDN Capable Link)	\$0.28	\$0.27	\$0.39
4 Wire Analog Loop (Basic Link)	\$0.35	\$0.38	\$0.41
4 Wire Digital (56 KD)	\$0.48	\$0.53	\$0.57
DS1 (1.5 Mbps) Digital Loop (High Capacity Link)	\$6.19	\$6.25	\$6.15
DS3 (45 Mbps)	\$5.52	\$5.52	\$5.52

Service or Element Description:	Recurring Charges
EEL Voice Grade//DS0	Monthly - Fixed - Per VG/DS0 channel \$4.98
Inter-Office Mileage	Monthly - Per mile - Per VG/DS0 channel \$0.005850

Service or Element Description:	Recurring Charges
Sub-Loops at FDI	
2-wire Sub-Loop	
Urban	\$7.01
Suburban	\$8.53
Rural	\$8.60
4-wire Sub-Loop	
Urban	\$11.49
Suburban(expedite)	\$14.18
Rural	\$14.19
Sub-Loops at Pole, Pedestal, X-box, CEV	ICB
Sub-Loops at RT (e.g.DSLAM)	ICB
Campus Wire- Continuous Property	ICB
House and Riser	
Building Access- per pair	\$0.47
Floor Access- per floor risen, per pair	\$0.01
Loops	
Dark Fiber Loop- per ¼ Mile (per pair)	\$13.78
Loop Fixed Charge per pair	\$4.15
Serving Wire Center Charge/SWC/pair	\$12.58
Dark Fiber IOF	
Dark Fiber – IOF Mileage per pair per mile	\$41.61
Serving Wire Center Charge/SWC/pair	\$12.58
IOF Channel Termination	
Per 1/4 Mile (per pair)	\$10.40

IOF Channel Termination Fixed Charge	\$9.64
Dark Fiber Sub-Loop	TBD

(b) Non-Recurring Charges

Service or Element Description:	New Service
LOOPS	
DS3 Loops	
Service Order	\$8.27
Service Order – Expedite	\$12.26
Manual Intervention Surcharge	\$0.00
Manual Intervention Surcharge- Expedite	\$0.00
Service Connection -Other	\$69.45
Service Connection -Other- Expedite	\$79.10
Service Connection – CO Wiring	\$105.43
Service Connection- CO Wiring- Expedite	\$79.10
Installation Dispatch Out	\$31.45
Installation Dispatch Out- Expedite	\$31.45
4-Wire 56 kbps Loop	
Service Order	\$22.55
Service Order – Expedite	\$33.44
Manual Intervention Surcharge	\$2.40
Manual Intervention Surcharge- Expedite	\$3.57
Service Connection -Other	\$43.24
Service Connection -Other- Expedite	\$43.24
Service Connection – CO Wiring	\$13.95
Service Connection- CO Wiring- Expedite	\$13.95
Installation Dispatch Out	\$31.45
Installation Dispatch Out- Expedite	\$31.45
Stand-alone NID – 2 Wire	\$0.72
Stand-alone NID – 4 Wire	\$0.86
Shared NID	TBD
Stand-alone NID – DS1	\$6.63
Service Order	\$0.00
Service Order – Expedite	\$0.00
Manual Intervention Surcharge	\$7.37
Manual Intervention Surcharge- Expedite	\$10.92
Installation Dispatch Out	\$51.13
Installation Dispatch Out- Expedite	\$67.71

Service or Element Description:	New Service	Migration
SWITCH/PLATFORM		
UNE Centrex platform		
Single Link		
Service Order	\$0.00	\$0.00
Service Order – Expedite	\$0.00	\$0.00
Manual Intervention Surcharge	\$7.37	\$14.13
Manual Intervention Surcharge- Expedite	\$10.92	\$20.96
Service Connection –Other	\$0.89	\$0.75
Service Connection -Other- Expedite	\$0.89	\$0.75
Service Connection – CO Wiring	\$3.45	N/A
Service Connection- CO Wiring- Expedite	\$3.45	N/A
Installation Dispatch Out	\$25.88	N/A
Installation Dispatch Out- Expedite	\$25.88	N/A
2 to 9 links		
Service Order	\$0.00	\$4.96
Service Order – Expedite	\$0.00	\$7.36
Manual Intervention Surcharge	\$21.65	\$24.81
Manual Intervention Surcharge- Expedite	\$32.11	\$36.79
Service Connection –Other	\$0.89	\$0.75
Service Connection -Other- Expedite	\$0.89	\$0.75
Service Connection – CO Wiring	\$3.45	N/A
Service Connection- CO Wiring- Expedite	\$3.45	N/A
Installation Dispatch Out	\$28.82	N/A
Installation Dispatch Out- Expedite	\$28.82	N/A
10+ Links		
Service Order	\$4.96	\$4.96
Service Order – Expedite	\$7.36	\$7.36
Manual Intervention Surcharge	\$119.08	\$105.25
Manual Intervention Surcharge- Expedite	\$176.58	\$156.07
Service Connection –Other	\$0.89	\$0.75
Service Connection -Other- Expedite	\$0.89	\$0.75
Service Connection – CO Wiring	\$3.45	N/A
Service Connection- CO Wiring- Expedite	\$3.45	N/A
Installation Dispatch Out	\$31.30	N/A
Installation Dispatch Out- Expedite	\$31.30	N/A

UNE ISDN Centrex Platform	New Service	Migration
Single Link		
Service Order	\$7.52	\$0.00
Service Order – Expedite	\$11.15	\$0.00
Manual Intervention Surcharge	\$7.37	\$14.13
Manual Intervention Surcharge- Expedite	\$10.92	\$20.96
Service Connection –Other	\$0.89	\$0.75
Service Connection -Other- Expedite	\$0.89	\$0.75
Service Connection – CO Wiring	\$3.45	NA
Service Connection- CO Wiring- Expedite	\$3.45	NA
Installation Dispatch Out	\$25.88	NA
Installation Dispatch Out- Expedite	\$25.88	NA
2 to 9 Links		
Service Order	\$7.52	\$4.96
Service Order – Expedite	\$11.15	\$7.36
Manual Intervention Surcharge	\$21.65	\$24.81
Manual Intervention Surcharge- Expedite	\$32.11	\$36.79
Service Connection –Other	\$0.89	\$0.75
Service Connection -Other- Expedite	\$0.89	\$0.75
Service Connection – CO Wiring	\$3.45	NA
Service Connection- CO Wiring- Expedite	\$3.45	NA
Installation Dispatch Out	\$28.82	NA
Installation Dispatch Out- Expedite	\$28.82	NA
10+ Links		
Service Order	\$12.48	\$4.96
Service Order – Expedite	\$18.50	\$7.36
Manual Intervention Surcharge	\$119.08	\$105.25
Manual Intervention Surcharge- Expedite	\$176.58	\$156.07
Service Connection –Other	\$0.89	\$0.75
Service Connection -Other- Expedite	\$0.89	\$0.75
Service Connection – CO Wiring	\$3.45	NA
Service Connection- CO Wiring- Expedite	\$3.45	NA
Installation Dispatch Out	\$31.30	NA
Installation Dispatch Out- Expedite	\$31.30	NA
UNE ISDN-PRI Platform	New Service	Migration
Service Order	\$22.55	\$22.55
Service Order – Expedite	\$33.44	\$33.44
Manual Intervention Surcharge	\$2.40	\$2.40
Manual Intervention Surcharge- Expedite	\$3.57	\$3.57
Service Connection –Other	\$82.64	\$26.79
Service Connection -Other- Expedite	\$98.84	\$34.43
Service Connection – CO Wiring	\$5.25	NA
Service Connection- CO Wiring- Expedite	\$7.44	NA
Installation Dispatch Out	\$31.45	NA
Installation Dispatch Out- Expedite	\$31.45	NA

UNE DS1 DID / DOD / PBX Service Platform	New Service	Migration
Service Order	\$22.55	\$22.55
Service Order – Expedite	\$33.44	\$33.44
Manual Intervention Surcharge	\$2.40	\$2.40
Manual Intervention Surcharge- Expedite	\$3.57	\$3.57
Service Connection –Other	\$82.64	\$26.79
Service Connection -Other- Expedite	\$98.84	\$34.43
Service Connection – CO Wiring	\$5.25	NA
Service Connection- CO Wiring- Expedite	\$7.44	NA
Installation Dispatch Out	\$31.45	NA
Installation Dispatch Out- Expedite	\$31.45	NA
UNE Coin/PAL Platform Service	New Service	Migration
Single Link		
Service Order	\$0.00	\$0.00
Service Order – Expedite	\$0.00	\$0.00
Manual Intervention Surcharge	\$7.37	\$14.13
Manual Intervention Surcharge- Expedite	\$10.92	\$20.96
Service Connection –Other	\$0.89	\$0.75
Service Connection -Other- Expedite	\$0.89	\$0.75
Service Connection – CO Wiring	\$3.45	NA
Service Connection- CO Wiring- Expedite	\$3.45	NA
Installation Dispatch Out	\$25.88	NA
Installation Dispatch Out- Expedite	\$25.88	NA
2 to 9 Links		
Service Order	\$0.00	\$4.96
Service Order – Expedite	\$0.00	\$7.36
Manual Intervention Surcharge	\$21.65	\$24.81
Manual Intervention Surcharge- Expedite	\$32.11	\$36.79
Service Connection –Other	\$0.89	\$0.75
Service Connection -Other- Expedite	\$0.89	\$0.75
Service Connection – CO Wiring	\$3.45	NA
Service Connection- CO Wiring- Expedite	\$3.45	NA
Installation Dispatch Out	\$28.82	NA
Installation Dispatch Out- Expedite	\$28.82	NA
10+ Links		
Service Order	\$4.96	\$4.96
Service Order – Expedite	\$7.36	\$7.36
Manual Intervention Surcharge	\$119.08	\$105.25
Manual Intervention Surcharge- Expedite	\$176.58	\$156.07
Service Connection –Other	\$0.89	\$0.75
Service Connection -Other- Expedite	\$0.89	\$0.75
Service Connection – CO Wiring	\$3.45	NA
Service Connection- CO Wiring- Expedite	\$3.45	NA
Installation Dispatch Out	\$31.30	NA
Installation Dispatch Out- Expedite	\$31.30	NA

UNE POTS Platform	New Service	Migration
Single Link		
Service Order	\$0.00	\$0.00
Service Order – Expedite	\$0.00	\$0.00
Manual Intervention Surcharge	\$7.37	\$14.13
Manual Intervention Surcharge- Expedite	\$10.92	\$20.96
Service Connection –Other	\$0.89	\$0.75
Service Connection -Other- Expedite	\$0.89	\$0.75
Service Connection – CO Wiring	\$3.45	NA
Service Connection- CO Wiring- Expedite	\$3.45	NA
Installation Dispatch Out	\$25.88	NA
Installation Dispatch Out- Expedite	\$25.88	NA
2 to 9 Links		
Service Order	\$0.00	\$4.96
Service Order – Expedite	\$0.00	\$7.36
Manual Intervention Surcharge	\$21.65	\$24.81
Manual Intervention Surcharge- Expedite	\$32.11	\$36.79
Service Connection –Other	\$0.89	\$0.75
Service Connection -Other- Expedite	\$0.89	\$0.75
Service Connection – CO Wiring	\$3.45	NA
Service Connection- CO Wiring- Expedite	\$3.45	NA
Installation Dispatch Out	\$28.82	NA
Installation Dispatch Out- Expedite	\$28.82	NA
10+ Links		
Service Order	\$4.96	\$4.96
Service Order – Expedite	\$7.36	\$7.36
Manual Intervention Surcharge	\$119.08	\$105.25
Manual Intervention Surcharge- Expedite	\$176.58	\$156.07
Service Connection –Other	\$0.89	\$0.75
Service Connection -Other- Expedite	\$0.89	\$0.75
Service Connection – CO Wiring	\$3.45	NA
Service Connection- CO Wiring- Expedite	\$3.45	NA
Installation Dispatch Out	\$31.30	NA
Installation Dispatch Out- Expedite	\$31.30	NA

UNE ISDN BRI Platform	New Service	Migration
Single Link		
Service Order	\$7.52	\$0.00
Service Order – Expedite	\$11.15	\$0.00
Manual Intervention Surcharge	\$7.37	\$14.13
Manual Intervention Surcharge- Expedite	\$10.92	\$20.96
Service Connection –Other	\$0.89	\$0.75
Service Connection -Other- Expedite	\$0.89	\$0.75
Service Connection – CO Wiring	\$3.45	NA
Service Connection- CO Wiring- Expedite	\$3.45	NA
Installation Dispatch Out	\$25.88	NA
Installation Dispatch Out- Expedite	\$25.88	NA
2 to 9 Links		
Service Order	\$7.52	\$4.96
Service Order – Expedite	\$11.15	\$7.36
Manual Intervention Surcharge	\$21.65	\$24.81
Manual Intervention Surcharge- Expedite	\$32.11	\$36.79
Service Connection –Other	\$0.89	\$0.75
Service Connection -Other- Expedite	\$0.89	\$0.75
Service Connection – CO Wiring	\$3.45	NA
Service Connection- CO Wiring- Expedite	\$3.45	NA
Installation Dispatch Out	\$28.82	NA
Installation Dispatch Out- Expedite	\$28.82	NA
10+ Links		
Service Order	\$12.48	\$4.96
Service Order – Expedite	\$18.50	\$7.36
Manual Intervention Surcharge	\$119.08	\$105.25
Manual Intervention Surcharge- Expedite	\$176.58	\$156.07
Service Connection –Other	\$0.89	\$0.75
Service Connection -Other- Expedite	\$0.89	\$0.75
Service Connection – CO Wiring	\$3.45	NA
Service Connection- CO Wiring- Expedite	\$3.45	NA
Installation Dispatch Out	\$31.30	NA
Installation Dispatch Out- Expedite	\$31.30	NA

UNE Foreign Exchange (FX)- Platform – POTS	New Service	Migration
Single Link		
Service Order	TBD	TBD
Service Order – Expedite	TBD	TBD
Manual Intervention Surcharge	TBD	TBD
Manual Intervention Surcharge- Expedite	TBD	TBD
Service Connection –Other	TBD	TBD
Service Connection -Other- Expedite	TBD	TBD
Service Connection – CO Wiring	TBD	NA
Service Connection- CO Wiring- Expedite	TBD	NA
Installation Dispatch Out	TBD	NA
Installation Dispatch Out- Expedite	TBD	NA
2 to 9 Links		
Service Order	TBD	TBD
Service Order – Expedite	TBD	TBD
Manual Intervention Surcharge	TBD	TBD
Manual Intervention Surcharge- Expedite	TBD	TBD
Service Connection –Other	TBD	TBD
Service Connection -Other- Expedite	TBD	TBD
Service Connection – CO Wiring	TBD	NA
Service Connection- CO Wiring- Expedite	TBD	NA
Installation Dispatch Out	TBD	NA
Installation Dispatch Out- Expedite	TBD	NA
10+ Links		
Service Order	TBD	TBD
Service Order – Expedite	TBD	TBD
Manual Intervention Surcharge	TBD	TBD
Manual Intervention Surcharge- Expedite	TBD	TBD
Service Connection –Other	TBD	TBD
Service Connection -Other- Expedite	TBD	TBD
Service Connection – CO Wiring	TBD	NA
Service Connection- CO Wiring- Expedite	TBD	NA
Installation Dispatch Out	TBD	NA
Installation Dispatch Out- Expedite	TBD	NA

UNE Foreign Exchange (FX) Platform- ISDN-BRI		
Single Link		
Service Order	TBD	TBD\$0.00
Service Order – Expedite	TBD	TBD
Manual Intervention Surcharge	TBD	TBD
Manual Intervention Surcharge- Expedite	TBD	TBD
Service Connection –Other	TBD	TBD
Service Connection -Other- Expedite	TBD	TBD
Service Connection – CO Wiring	TBD	NA
Service Connection- CO Wiring- Expedite	TBD	NA
Installation Dispatch Out	TBD	NA
Installation Dispatch Out- Expedite	TBD	NA
2 to 9 Links		
Service Order	TBD	TBD
Service Order – Expedite	TBD	TBD
Manual Intervention Surcharge	TBD	TBD
Manual Intervention Surcharge- Expedite	TBD	TBD
Service Connection –Other	TBD	TBD
Service Connection -Other- Expedite	TBD	TBD
Service Connection – CO Wiring	TBD	NA
Service Connection- CO Wiring- Expedite	TBD	NA
Installation Dispatch Out	TBD	NA
Installation Dispatch Out- Expedite	TBD	NA
10+ Links		
Service Order	TBD	TBD
Service Order – Expedite	TBD	TBD
Manual Intervention Surcharge	TBD	TBD
Manual Intervention Surcharge- Expedite	TBD	TBD
Service Connection –Other	TBD	TBD
Service Connection -Other- Expedite	TBD	TBD
Service Connection – CO Wiring	TBD	NA
Service Connection- CO Wiring- Expedite	TBD	NA
Installation Dispatch Out	TBD	NA
Installation Dispatch Out- Expedite	TBD	NA

UNE Foreign Exchange (FX) Platform- ISDN-PRI		
Service Order	TBD	TBD
Service Order – Expedite	TBD	TBD
Manual Intervention Surcharge	TBD	TBD
Manual Intervention Surcharge- Expedite	TBD	TD
Service Connection –Other	TBD	TBD
Service Connection -Other- Expedite	TBD	TBD
Service Connection – CO Wiring	TBD	NA
Service Connection- CO Wiring- Expedite	TBD	NA
Installation Dispatch Out	TBD	NA
Installation Dispatch Out- Expedite	TBD	NA
UNE Foreign Exchange (FX) Platform- DS1 DID / DOD / PBX		
Service Order	TBD	TBD
Service Order – Expedite	TBD	TBD
Manual Intervention Surcharge	TBD	TBD
Manual Intervention Surcharge- Expedite	TBD	TBD
Service Connection –Other	TBD	TBD
Service Connection -Other- Expedite	TBD	TBD
Service Connection – CO Wiring	TBD	NA
Service Connection- CO Wiring- Expedite	TBD	NA
Installation Dispatch Out	TBD	NA
Installation Dispatch Out- Expedite	TBD	NA

Service or Element Description:	New Service
Sub-Loops at FDI	
UNE Sub-Loop Arrangement (USLA) 2 Wire -New	
Initial	
Service Order	\$7.52
Service Order – Expedite	\$11.15
Manual Intervention Surcharge	\$7.37
Manual Intervention Surcharge- Expedite	\$10.92
Service Connection –Other	\$0.56
Service Connection -Other- Expedite	\$0.56
Installation Dispatch Out	\$41.90
Installation Dispatch Out- Expedite	\$55.48
Additional	
Service Order	\$7.52
Service Order – Expedite	\$11.15
Manual Intervention Surcharge	\$7.37
Manual Intervention Surcharge- Expedite	\$10.92
Service Connection –Other	\$0.56
Service Connection -Other- Expedite	\$0.56
Installation Dispatch Out	\$16.39
Installation Dispatch Out- Expedite	\$21.71

Sub-Loop 2 Wire Loop Through – UNE Sub-Loop Arrangement (USLA)- (Migration)	
Initial	
Service Order	\$7.52
Service Order – Expedite	\$11.15
Manual Intervention Surcharge	\$7.37
Manual Intervention Surcharge- Expedite	\$10.92
Service Connection –Other	\$17.37
Service Connection -Other- Expedite	\$17.37
Installation Dispatch Out	\$47.72
Installation Dispatch Out- Expedite	\$63.20
Additional	
Service Order	\$7.52
Service Order – Expedite	\$11.15
Manual Intervention Surcharge	\$7.37
Manual Intervention Surcharge- Expedite	\$10.92
Service Connection –Other	\$17.37
Service Connection -Other- Expedite	\$17.37
Installation Dispatch Out	\$22.11
Installation Dispatch Out- Expedite	\$29.28
UNE Sub-Loop Arrangement (USLA) 4 Wire – New	
Initial	
Service Order	\$22.55
Service Order – Expedite	\$33.44
Manual Intervention Surcharge	\$2.40
Manual Intervention Surcharge- Expedite	\$3.57
Service Connection –Other	\$0.56
Service Connection -Other- Expedite	\$0.56
Installation Dispatch Out	\$52.67
Installation Dispatch Out- Expedite	\$69.76
Additional	
Service Order	\$22.55
Service Order – Expedite	\$33.44
Manual Intervention Surcharge	\$2.40
Manual Intervention Surcharge- Expedite	\$3.57
Service Connection –Other	\$0.56
Service Connection -Other- Expedite	\$0.56
Installation Dispatch Out	\$28.88
Installation Dispatch Out- Expedite	\$38.24

Sub-Loop 4 Wire Loop Through – UNE Sub-Loop Arrangement (USLA)- (Migration)	
Initial	
Service Order	\$22.55
Service Order – Expedite	\$33.44
Manual Intervention Surcharge	\$2.40
Manual Intervention Surcharge- Expedite	\$3.57
Service Connection –Other	\$17.37
Service Connection –Other- Expedite	\$17.37
Installation Dispatch Out	\$53.41
Installation Dispatch Out- Expedite	\$70.74
Additional	
Service Order	\$22.55
Service Order – Expedite	\$33.44
Manual Intervention Surcharge	\$2.40
Manual Intervention Surcharge- Expedite	\$3.57
Service Connection –Other	\$17.37
Service Connection –Other- Expedite	\$17.37
Installation Dispatch Out	\$26.58
Installation Dispatch Out- Expedite	\$35.20
Sub-Loops at Pole, Pedestal, X-box, CEV	ICB
Sub-Loops at Pole, Pedestal, X-box, CEV	ICB
Sub-Loops at RT (e.g.DSLAM)	ICB
Sub-Loops at NID (NIDless loops)	ICB
Campus Wire- Continuous Property	ICB
House and Riser	
Building Setup Service Cost Per 50 pair	\$39.20
House and Riser Cable Service Installation Charge, Per occasion	Time & Material
Building Access- per pair	\$0.47
Floor Access- per floor risen, per pair	\$0.01
Time ⁶ :	\$38.26
First 30 minutes	
Subsequent 15 minutes	\$9.59
Period or fraction thereof	
TC not ready (per occasion)	\$27.08

⁶ A dispatch of a technician during hours not sequential to that technician's normal scheduled tour of duty has a four-hour minimum charge.

Dark Fiber IOF	New Service
Service Order Charge	
Service Order	\$21.49
Service Order – Expedite	\$31.64
Service Connection Charge	
Service Connection CO Wiring	\$14.01
Service Connection CO Wiring –Expedite	\$19.75
Service Connection- Other	\$73.55
Service Connection- Other- Expedited	\$94.11
Installation Dispatch Charge	\$50.05
Installation Dispatch Charge- Expedited	\$66.28
Record Review- per record	\$102.76
Dark Fiber Loop	
Service Order Charge	
Service Order	\$21.49
Service Order – Expedite	\$31.64
Service Connection Charge	
Service Connection Charge -CO Wiring	\$12.67
Service Connection CO Wiring –Expedite	\$17.85
Service Connection Other	\$68.51
Service Connection- Other Charge- Expedited	\$94.99
Installation Dispatch Charge	\$50.05
Installation Dispatch Charge- Expedited	\$66.28
Record Review- per record	\$102.76
Time & materials	
Network Transport Engineering-Planning per hour	\$51.21
Network Transport Engineering- Planning- per hour- Expedited	\$69.35
Network Transport Engineering- Design per hour	\$51.21
Network Transport Engineering- Design per hour- Expedite	\$69.35
OSP Operations per hour	\$48.78
OSP Operations per hour- Expedite	\$65.75
CO Frame per hour	\$39.48
CO Frame per hour– Expedite	\$55.95
DARK FIBER SUB-LOOP	TBD
TOPIC Interconnection - application fee - per request	\$2,500

	Urban	Suburban	Rural
SUB-LOOP FEEDER			
Sub-Loop Feeder - 2W	\$7.01	\$8.53	\$8.60
Sub-Loop Feeder - 4W	\$11.49	\$14.18	\$14.19

C. RESALE⁷

I. Wholesale Discounts

Monthly discounts (per qualifying retail rate):

A. Where DSLnet purchases Verizon-provided Operator Services

- | | | |
|-----|-----------|--------|
| (1) | Business | 23.76% |
| (2) | Residence | 19.80% |

B. Where DSLnet does not purchase Verizon Operator Services

- | | | |
|-----|-----------|--------|
| (1) | Business | 25.74% |
| (2) | Residence | 23.03% |

D. CUSTOMER USAGE DETAIL CHARGES

Record Charges

- | | |
|------------------------------------------------------------|--------|
| • Per record processed (EMR format) | \$0.00 |
| • Per record processed (Tandem Subtending Arrangement/EMR) | \$0.00 |
| • Per record transmitted | \$0.00 |
| • Per tape/cartridge | \$0.00 |

E. TIME AND MATERIAL CHARGES

Labor Rate, Per Hour or Fraction thereof

- | | |
|--------------------------------------|---------|
| • Service Representative - Regular | \$15.04 |
| • Service Representative - Expedited | \$22.30 |
| • Technician - Regular | \$15.49 |
| • Technician - Expedited | \$20.59 |

F. 911/E911 INTERCONNECTION

Monthly Rate:

A. \$252.00 per month for an unequipped DS1 Port and \$100 per month per voice grade trunk activated and equipped on the DS1 port.

B. \$0.05 per line per month for unbundled local Switching Element.

⁷ All rates and charges specified herein are pertaining to the Resale Attachment.

In compliance with the FCC Order approving the Merger of GTE Corporation and Bell Atlantic (CC Docket No. 98-1840), Verizon will offer limited duration promotional discounts on resold residential exchange access lines. The terms and conditions on which these promotional discounts are being made available can be found on Verizon's web site, at <http://www.verizon.com/wise> for former GTE service areas and former Bell Atlantic service areas.